



Laboratory Equipment,  
Supplies and Consumables for  
**GLOBAL HEALTH  
INITIATIVES**

Fisher Scientific Global Export

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## Apparatus

## Carts

## Equipment and Instrument Carts [Laboratory]

## Fisherbrand™ Laboratory Carts

Durable 18-gauge welded, 1 in. (2.5cm) tubular steel frame

- Painted in Fisher blue with corrosion resistant dry powder coating
- Ergonomic, extruded rubber handle grips for comfort when pushing
- Load capacity: 400 lb. (181kg)
- Also features an ID tag
- Full factory assembly, ready to roll
- 4 in. dia. (10cm) hard rubber casters stabilize movement over rough, uneven floors; two casters with toe locks



| Cat. No.   | Description                    | Quantity |
|--|--------------------------------|----------|
| 15-252-400   | Load capacity: 400 lb. (181kg) | 1/EA     |
| 15-252-403   | Load capacity: 400 lb. (181kg) | 1/EA     |
| 15-252-404   | Load capacity: 400 lb. (181kg) | 1/EA     |
| <b>2 open shelves w/rigid PVC extrusions on 2 side</b> |                                |          |
| 15-252-405   | Dimensions: 18L x 16W x 4 in.H | 1/EA     |
| <b>Blue</b>  |                                |          |
| 15-252-402   | 4 in. dia. casters             | 1/EA     |
| <b>With two removable vinyl-coated wire baskets</b>    |                                |          |
| 15-252-401   | Dimensions: 18L x 32W x 4 in.H | 1/EA     |

## Fisherbrand™ Laboratory Carts

Durable blue, powder-coated 18-gauge welded tubular steel frame

- Pans are polished type 304 Stainless Steel
- Powder-coated steel watertight pans are 5cm (2 in.) deep, removable and lined with gray rubber mats to prevent shifting
- Lower shelf also has guard rails on both ends
- Includes 2, 4 vinyl-coated wire baskets and 1 removable plastic drip pan to catch spills
- 4 in. diameter casters, 2 with toe locks
- Has ID tag
- Supports loads up to 181kg (400 lb.)
- Ready-to-roll, full factory assembly
- Ergonomic, extruded rubber handle grips



| Cat. No. | Description                    | Quantity |
|----------|--------------------------------|----------|
| S14240   | Load capacity: 400 lb. (181kg) | 1/EA     |

## Utility Carts [General Purpose]

## Fisherbrand™ Deep Ledge Polymer Utility Carts

- Capacity: 150 lb. per shelf (68kg); 400 lb. maximum cart load (181kg)
- Corrosion-proof polymer shelves
- Raised shelf edges contain spills
- Ergonomic handle
- Smooth surfaces resist staining and wipe clean easily
- Carts roll easily on four 4" swivel casters
- Easy, no-tool assembly (ships flat)



## Choose BC Series or Deep Ledge Series Carts

- BC Series shelves feature 0.5 in. raised ship's edge design
- Deep Ledge Series shelves feature a deeper 2.75 in. ledge for better spill containment
- Three-shelf models feature a center shelf that adjusts in 1 in. increments

| Cat. No.                                 | Description           | Quantity |
|--|-----------------------|----------|
| <b>Deep ledge series cart, 2 shelves</b> |                       |          |
| 13-451-185                               | 38.75 x 27 x 41 in.   | 1/EA     |
| <b>Deep ledge series cart, 3 shelves</b> |                       |          |
| 13-451-184                               | 33.75 x 21.5 x 41 in. | 1/EA     |
| 13-451-186                               | 38.75 x 27 x 41 in.   | 1/EA     |

## Cryogenic Storage Containers

## Bel-Art™ Scienceware™ Cryo-Safe™ Vial Storage Boxes

- Clear lids can be written on and have a printed grid for easy inventory
- Can be used in temperatures ranging from -196°C to +121°C
- A keyed corner aligns the lid with identifying numbers on the rack
- Useful as mailers for vials
- F18849-0001 can be used with F18853 series Cryo Tower Storage Systems (sold separately) to save valuable bench space



| Cat. No.                  | Description           | Quantity   |
|---------------------------|-----------------------|------------|
| <b>1.2 or 2.0mL vials</b> |                       |            |
| 03-410-502                | 25 place; 8pk         | 8/PK       |
| 03-410-503                | (81) 1.2 to 2mL tubes | Case of 24 |
| 03-410-504                | (81) 5mL tubes        | 4/PK       |

## Fisherbrand™ Cryogenic Vial Storage Boxes

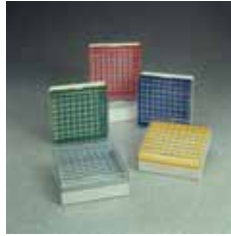
- 81-Place white polycarbonate storage boxes
- Use in mechanical freezers and liquid nitrogen Dewars
- Cover is printed with a 9 x 9 numbered grid for inventory purposes
- Stackable
- Autoclavable



| Cat. No.  | Description            | Quantity |
|-----------|------------------------|----------|
| 10-500-28 | For 1.2 to 2.0mL vials | 4/PK     |

## Thermo Scientific™ Cryoboxes

- Durable, all-plastic cryoboxes for short- or long-term storage
- Keyed lids on plastic cryoboxes prevent misalignment
- Plastic boxes autoclavable for decontamination and usable at temperature range from -196°C to +121°C
- Printed grid on plastic lids for easy inventory management
- Economical chipboard cryoboxes for short term storage
- Chipboard boxes include dividers and vents in base for good drainage and air circulation
- Available with dividers from 25 to 169 tube storage



| Cat. No.  | Description                             | Quantity |
|---|---|----------|
| <b>Nunc Polycarbonate MAX-100 CryoStore Boxes</b>     |   |          |
| 12-565-227  | White; 64 (1.5mL microcentrifuge tubes) | 4/PK     |
| 12-565-174  | Gray; 100 (1.0 to 1.8mL vials)          | 4/PK     |
| 12-565-234  | Gray; 100 (3.6mL vials)                 | 4/PK     |
| <b>Nunc Cardboard Boxes</b>                           |   |          |
| 12-565-183  | White; 25 (1.0 to 1.8mL vials)          | 24/CS    |
| 12-565-182  | White; 81 (1.0 to 1.8mL vials)          | 6/CS     |
| 12-567-01   | White; 81 (1.0 to 1.8mL vials)          | 48/CS    |
| 12-567-02   | White; 81 (3.6mL vials)                 | 4/PK     |
| 12-567-03   | White; 100 (1.0 to 1.8mL vials)         | 42/CS    |
| 12-567-04   | White; 100 (3.6mL vials)                | 30/CS    |
| <b>Nalgene Polycarbonate Cryobox</b>                  |   |          |
| 15-350-107  | White; 25 (1.2 and 2.0mL vials)         | 8/PK     |
| 15-350-107B   | White; 81 (1.2 and 2.0mL vials)         | 4/PK     |
| 03-337-7J   | White; 81 (5.0mL vials)                 | 10/CS    |
| 03-337-7AA  | Blue; 100 (1.0 to 1.5mL vials)          | 4/PK     |
| <b>Nalgene Polycarbonate Cryobox w/Colored Insert</b> |   |          |
| 14-175-65   | Assorted; 81 (1.0 to 2.0mL vials)       | 24/CS    |
| 14-175-63   | Blue; 81 (1.0 to 2.0mL vials)           | 24/CS    |
| 14-175-64   | Gray; 81 (1.0 to 2.0mL vials)           | 24/CS    |
| 14-175-62   | Green; 81 (1.0 to 2.0mL vials)          | 24/CS    |
| 14-175-60   | Red; 81 (1.0 to 2.0mL vials)            | 24/CS    |
| 14-175-61   | Yellow; 81 (1.0 to 2.0mL vials)         | 24/CS    |

### Embedding Cassette Storage

## Fisherbrand™ HistoPrep™ Modular File Drawer

- Stackable self-contained drawers
- Made of high impact plastic
- Holds 165 embedding rings or 250 cassettes per drawer



| Cat. No.    | Description       | Quantity |
|-------------|-------------------|----------|
| 15-182-511A | Without cassettes | 2/CS     |

## Fisherbrand™ Storage File Systems

- Polymer-coated surface resists moisture penetration and ensures long-term storage
- Each box holds up to 2000 microscope slides or 500 tissue blocks
- Minimize inventory space — boxes are shipped flat
- Pressure tested to 300 lb. (136kg) allowing for safe stacking to maximize storage space
- Unique locking tabs keep stacked boxes safely secured and stable



| Cat. No.   | Description           | Quantity |
|------------|-----------------------|----------|
| 22-272-957 | For tissue blocks     | 10/CS    |
| 22-289-937 | For microscope slides | 10/CS    |

### Eyewash and Shower Fixtures

#### Portable Eyewash and Shower Fixtures

## Bel-Art™ Scienceware™ Eye Wash Bottles

- Three stations available to suit all workstations: a single or a double station with 1000mL (32 oz.) eyewash bottle(s) or a single station with a 500mL (16 oz.) bottle
- Can be filled with F24879-0032 Sterile Eye Wash Solution Refills
- Instruction diagrams on bottle and station confirm how to use eyewash bottle
- Includes multi-language directions on the station (English, French, German and Spanish)
- Empty bottles available separately



| Cat. No. | Description               | Quantity |
|----------|---------------------------|----------|
| 100295   | Capacity: 32 oz. (1000mL) | 1/EA     |

### Firefighting and Emergency Response

#### Fire Extinguishers

## Amerex™ Regular Dry Chemical Fire Extinguisher

- Contain siliconized sodium bicarbonate based dry chemical with free-flowing, noncaking additives
- Class B and C protection with lower initial cost and recharging
- Smothers fires in flammable liquids and pressurized gases
- Will not conduct electricity back to the operator
- Barcoded and bilingual labels
- Wall mount steel cylinder with aluminum valve
- Temperature range: -65° to 120°F



| Cat. No.      | Description | Quantity |
|---------------|-------------|----------|
| <b>10 lb.</b> |             |          |
| 19-860-503    | Model B457  | 1/EA     |
| <b>20 lb.</b> |             |          |
| 19-806-023    | Model A412  | 1/EA     |

## Insulated Containers

Therapak™ Corporation Coleman™  
Excursion™ Handle Coolers

- Generous foam insulation, along with hinged lids and lid-locking handles
- Available in red and blue color
- Capacity: 9 to 16 qt. (8.51 to 15.14L)



| Cat. No.                         | Description | Quantity |
|----------------------------------|-------------|----------|
| <i>Capacity: 16 qt. (15.14L)</i> |             |          |
| 22-131-508                       | Blue        | 4/CS     |
| <i>Capacity: 9 qt. (8.51L)</i>   |             |          |
| 22-131-502                       | Red         | 4/CS     |
| 22-131-510                       | Blue        | 4/CS     |

Thermo Scientific™ Mr. Frosty  
Freezing Container

- Holds 12 to 18 tubes and has profile height of 86 or 151mm (3-7/16 to 5-5/16in), which saves precious freezer space during the cooling process
- Screw top lid secures samples inside in the event of accidental container tipping
- Eliminates unreliable, improvised foam container devices
- Easy to use—requires only 100% isopropyl alcohol and a mechanical freezer
- No contact with the alcohol: no wicking, no label removal and no compromise of tube hand printing



| Cat. No.  | Description   | Quantity |
|-----------|---|----------|
| 15-350-50 | Nalgene Mr. Frosty Freezing Container for 1-2mL cryogenic tubes, PC, clear w/ blue lid, 1/Cs. | 1/CS     |

## Microbiology Apparatus

## Environmental Systems for Microbiology

## BD GasPak™ 100 Systems

- Provide all the components necessary to produce anaerobic, microaerophilic, or CO<sub>2</sub>-enriched aerobic atmospheres
- Hold twelve 100 × 15mm Petri dishes or 13 culture tubes
- Both vented and non-vented models are available to meet a wide variety of needs



| Cat. No.                           | Description           | Quantity |
|------------------------------------|-----------------------|----------|
| <i>GasPak 100 System, complete</i> |                       |          |
| 11-814-21                          | Non-vented            | 1/EA     |
| 11-814-22                          | Vented and Non-vented | 1/EA     |

## Inoculating Loops and Needles

Copan Diagnostics Calibrated Disposable  
Inoculating Loops and Needles in Zip  
Lock Pack

- Disposable, sterile plastic loops and needles manufactured from soft-flexible or hard-rigid plastic
- Plastic injection molding technology ensures product consistency and eliminates variations in loop thickness and internal diameter
- Ultrasmooth surfaces allow easy streaking without cutting or gouging agar surface
- Calibrated using the Evans Blue Dye Method recommended by the American Society for Microbiology
- Color coded for easy product identification
- Packed in tamper-proof bags to guarantee sterility
- Certificate of calibration included in each case



| Cat. No.               | Description         | Quantity |
|------------------------|---------------------|----------|
| <i>1.45mm diameter</i> |                     |          |
| 14-906-31              | 20cm length; Violet | 1000/CS  |
| <i>Flexible</i>        |                     |          |
| 14-906-30              | 10uL; Light blue    | 1000/CS  |
| <i>Rigid</i>           |                     |          |
| 14-906-27              | 1uL; Dark green     | 1000/CS  |

## Decon™ LeLoop™ Holder

- Nickel-plated brass with insulated handles
- Available in 6 and 8" lengths



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 22-032-093 | 6 in.       | 1/EA     |
| 22-032-095 | 8 in.       | 1/EA     |

## Fisherbrand™ Disposable Inoculating Loops and Needles

- Precision molded from a specially formulated, biologically inert polymer
- Combi Loop™ has a 10µL loop on one end and a 1µL loop on the other
- More convenient than metal loops; use a loop directly from the package, then throw it away
- Gamma irradiated for sterility in accordance with U.S. Pharmacopeia Volume XX
- No flaming required, eliminating the hazards of open flames, spattering, cross-contamination, and the risk of infection from pathogens distributed by aerosol formation
- Color coded for easy identification
- Length: 8" (20cm)



| Cat. No.                           | Description                   | Quantity |
|------------------------------------|-------------------------------|----------|
| <b>Volume: 10uL</b>                |                               |          |
| 22-363-607                         | Color: Yellow; 9600/Cs.       | 960/PK   |
| <b>Volume: 10uL, Color: Yellow</b> |                               |          |
| 22-363-605                         | Individually wrapped; 250/PK. | 250/CS   |
| 22-363-606                         | 1000Pk                        | 1000/CS  |
| <b>Volume: 1u to 10uL</b>          |                               |          |
| 22-363-602                         | Color: White                  | 500/PK   |
| <b>Volume: 1uL</b>                 |                               |          |
| 22-363-603                         | Color: Blue                   | 250/CS   |
| 22-363-604                         | Color: Blue                   | 960/PK   |

## Fisherbrand™ Loops and Needles

- Disposable, sterile plastic loops and needles for quantitative procedures such as sampling, serial dilutions and urine counts, as well as for bacterial inoculation
- Molded from biologically inert polymer
- Flexible enough to facilitate streaking, yet rigid enough to penetrate the media for subsurface inoculation
- Gamma-irradiated for sterility in accordance with U.S. Pharmacopoeia, Volume XX
- Combi Loop has a 10µL loop on one end and a 1µL loop on the other
- All loops and needles are 8" long (20cm)
- Color coded for easy identification



| Cat. No.             | Description                                    | Quantity |
|----------------------|--|----------|
| <b>Flexible Loop</b> |  |          |
| 22-363-595           | Volume: 1uL; Color: Light blue                 | 960/PK   |
| 22-363-597           | Volume: 10uL; Color: Yellow                    | 960/PK   |
| 22-363-600           | Volume: 10u; Color: Yellow; Individual wrapped | 250/CS   |
| 22-363-601           | Volume: 1u/10uL; Color: White                  | 250/CS   |
| 22-363-608           | Volume: 1uL; Color: Light Blue                 | 250/CS   |
| <b>Needle</b>        |  |          |
| 22-363-596           | Color: White                                   | 960/PK   |
| <b>Rigid Loop</b>    |  |          |
| 22-363-598           | Volume: 1uL; Color: Clear                      | 1000/CS  |
| 22-363-599           | Volume: 10uL, Light Blue                       | 1000/CS  |

## Fisherbrand™ Nichrome Inoculating Needles with Handles

- Consist of a straight wire fixed into an aluminum handle
- Handle is 7.25" long (18.4cm) and has a tapered end
- Wire is 100mm long



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 14-956-101 | 24 Gauge    | 1/EA     |

## Fisherbrand™ Twisted Nichrome™ Inoculating Loops with Handles

- Aluminum handle is 7.25" long (18.4cm)
- Supplied with nichrome wire loop
- Length of wire is 100mm



| Cat. No.        | Description     | Quantity |
|-----------------|-----------------|----------|
| <b>24 gauge</b> |                 |          |
| 14-956-103      | 3mm Loop (I.D.) | 1/EA     |

### Racks

#### Bottle Racks and Carriers

## Bel-Art™ Scienceware™ Wash Bottle Carrier

- Sturdy, lightweight polypropylene construction is chemical resistant
- Wide handle
- Autoclavable at 121°C (250°F)



| Cat. No.              | Description     | Quantity |
|-----------------------|-----------------|----------|
| <b>Bottle Carrier</b> |                 |          |
| 03-409-24             | Holds 6 bottles | 1/EA     |

### Drying Racks

## Whatman™ Drying Rack for 903 Protein Saver Card

- Air-dries blood specimens in suspended horizontal position
- Easily assembled
- Can be fixed to wall or counter top
- Available with and without Velcro stickers

| Cat. No.   | Description    | Quantity |
|------------|----------------|----------|
| 09-800-963 | Without Velcro | 1/PK     |

## Freezer Storage Racks

## Shelf Kits w/Racks and Boxes for Thermo Scientific™ Ultra-Low Temperature Freezers

| Cat. No. | Description  | Quantity |
|----------|--|----------|
| RSK17SD5 | Shelf Kit, Includes: 4 sliding drawer racks and (80) 2 in. boxes with 100 cell dividers, for use with HERAFreeze HFU B Series, Revco ExF and Dx F Series | 1/EA     |

## Microtube Racks

## Fisherbrand™ Microcentrifuge Tube Racks

- “Reversible,” autoclavable polypropylene racks
- Withstand freezer storage to  $-90^{\circ}\text{C}$  ( $-194^{\circ}\text{F}$ )
- Cone-shaped wells keep tubes centered and upright
- Alphanumeric index permits easy tube identification Choose from 12 colors and assorted packs
- Capacity: Hold  $96 \times 0.5\text{mL}$  tubes on one side or  $96 \times 1.5$  to  $2.0\text{mL}$  microcentrifuge tubes and screw-cap microcentrifuge tubes on the other



| Cat. No.  | Description                     | Quantity |
|-----------|---------------------------------|----------|
| 05-541-29 | Color: Natural                  | 5/PK     |
| 05-541-36 | Color: Lavender                 | 5/PK     |
| 05-541-37 | Color: Black                    | 5/PK     |
| 05-541-39 | Color: Fluorescent Blue         | 5/PK     |
| 05-541-40 | Color: Fluorescent Green        | 5/PK     |
| 05-541-41 | Color: Fluorescent Orange       | 5/PK     |
| 05-541-43 | Color: Fluorescent Yellow       | 5/PK     |
| 05-541-45 | Color: Blue                     | 5/PK     |
| 05-541-46 | Color: Green                    | 5/PK     |
| 05-541-47 | Color: Orange                   | 5/PK     |
| 05-541-48 | Color: Pink                     | 5/PK     |
| 05-541-49 | Color: Yellow                   | 5/PK     |
| 05-541-38 | Color: Fluorescent Assorted     | 5/PK     |
| 05-541-44 | Color: Nonfluorescent Assorted† | 5/PK     |
| 05-541-42 | Color: Fluorescent Pink         | 5/PK     |
| 05-541-33 | Color: Red                      | 5/PK     |

## Multiple Sized Tube Racks

## Fisherbrand™ Interlocking Four-Way Tube Racks

- Each rack can hold  $4 \times 50\text{mL}$  conical tubes,  $12 \times 15\text{mL}$  conical tubes,  $32 \times 1.5\text{mL}$  microtubes, or  $32 \times 0.5\text{mL}$  microtubes
- Change configuration by turning the racks
- Rugged polypropylene construction
- Autoclavable



| Cat. No.  | Description               | Quantity |
|-----------|---------------------------|----------|
| 03-448-11 | Color: Natural            | 5/PK     |
| 03-448-12 | Color: Blue               | 5/PK     |
| 03-448-13 | Color: Fluorescent green  | 5/PK     |
| 03-448-14 | Color: Fluorescent pink   | 5/PK     |
| 03-448-15 | Color: Fluorescent yellow | 5/PK     |
| 03-448-16 | Color: Fluorescent orange | 5/PK     |
| 03-448-17 | Color: Assorted           | 5/PK     |

## Pipet Racks

## Fisherbrand™ Pipetter Stands

- One-position stand has a single insert hole  $1.25"$  ( $31.8\text{mm}$ ) in diameter
- Three-, four-, and six-position stands have both upper ( $1.03"$  [ $26.1\text{mm}$ ]) and lower slots ( $0.625"$  [ $16\text{mm}$ ] in diameter)
- Multichannel stand is clear acrylic with slots  $1"$  ( $25.5\text{mm}$ ) in diameter



| Cat. No.              | Description                           | Quantity |
|-----------------------|---------------------------------------|----------|
| <b>Single Channel</b> |                                       |          |
| 06-666-56             | For single-channel pipettors; Acrylic | 1/EA     |
| <b>Multichannel</b>   |                                       |          |
| 06-667-5              | Acrylic                               | 1/EA     |

## Special Purpose Racks

## Heathrow Scientific™ Droplet™ Sample Storage Tray

- Lightweight
- Holds up to 24 full specimen containers
- Has removable insert to allow outer shell to be used for storage or transportation
- Stackable with other trays for support up to for high
- Integrated label holder and cards to enable easily changed identification
- Can be cleaned with common disinfectants and germicides
- Dimensions:  $L \times W \times H$ :  $48 \times 33.1 \times 8.4\text{cm}$  ( $18.9 \times 13 \times 3.3\text{in.}$ )



| Cat. No.   | Description                         | Quantity |
|------------|-------------------------------------|----------|
| 22-267-051 | $480 \times 331 \times 84\text{mm}$ | 1/EA     |

## Test Tube Racks

## EISCO™ Test Tube Holder

- Wooden
- 18cm long holders accept tubes of 11 to 19mm dia.
- 26cm long holder accept tubes up to 30mm dia.



| Cat. No. | Description                           | Quantity |
|----------|---------------------------------------|----------|
| S99371   | 18cm accepts tubes of 11 to 19mm dia. | 1/EA     |
| S99372   | 26cm accepts tubes up to 30mm dia.    | 1/EA     |

## Fisherbrand™ Poxygrid™ Centrifuge Racks

- Hold 50mL plastic centrifuge tubes
- Made of epoxy-coated steel wire
- Autoclavable
- Number of places



| Cat. No.  | Description       | Quantity |
|-----------|-------------------|----------|
| 14-791-6A | No. of Places: 8  | 1/EA     |
| 14-791-6B | No. of Places: 16 | 1/EA     |
| 14-791-6C | No. of Places: 36 | 1/EA     |



## Fisherbrand™ Poxygrid™ Test Tube Racks

- Epoxy-coatings are unaffected by organic solvents, salts, weak acids and weak alkalis
- Three decks and no legs with a slotted grid bottom
- Square holes hold test tubes securely
- Reinforced edges
- Autoclavable: withstand temperatures to 121°C (250°F)



| Cat. No.                         | Description            | Quantity |
|----------------------------------|------------------------|----------|
| <i>For tube size: 13mm</i>       |                        |          |
| 14-793-14                        | 72 places; 6 × 12 rows | 1/EA     |
| <i>For tube size: 16mm</i>       |                        |          |
| 14-793-11                        | 48 places; 4 × 12 rows | 1/EA     |
| <i>For tube size: 18 to 20mm</i> |                        |          |
| 14-793-9                         | 40 places; 4 × 10 rows | 1/EA     |

## Fisherbrand™ Test Tube Rack

- 32 tubes per Rack
- Lightweight metal construction
- Baked enamel finish is easily cleaned



| Cat. No. | Description                | Quantity |
|----------|----------------------------|----------|
| PM800R   | Holds 32 tubes, up to 16mL | 6/CS     |

## Fisherbrand™ Three-Tier Polypropylene Test Tube Racks

- Stack empty or loaded with tubes up to 10cm (4") long
- Autoclavable to 121°C (250°F)
- With convenient end plate handles for carrying
- Rows are numbered and lettered for easy referencing
- White surfaces make color comparison easy
- Sturdy and chemical-resistant, will not shatter or stain



| Cat. No.                   | Description            | Quantity |
|----------------------------|------------------------|----------|
| <i>Holds 10-13mm tubes</i> |                        |          |
| 14-809-A                   | 72 places; 6 x 12 rows | 1/EA     |

## Fisherbrand™ White Vinyl-Coated Test Tube Racks with Legs

- Epoxy-coated, heavy-gauge steel wire racks with three decks and legs
- Reduce noise; extremely impact resistant
- Usable at temperatures to 100°C (212°F)
- Autoclavable



| Cat. No.              | Description | Quantity |
|-----------------------|-------------|----------|
| <i>For 16mm Tubes</i> |             |          |
| 14-790-5              | Holds 40    | 1/EA     |
| 14-790-4              | Holds 48    | 1/EA     |
| 14-802-8              | Holds 72    | 1/EA     |
| 14-790-3              | Holds 90    | 1/EA     |

### Biologicals

#### Antibody Production and Purification Reagents and Kits

## Gibson Bioscience Reagents: McFarland Set 0.5

| Cat. No.   | Description       | Quantity |
|------------|-------------------|----------|
| 21-200-318 | McFarland Set 0.5 | 10/PK    |

### Blood and Blood Products

#### Bovine Sera [Fetal]

## HyClone™ Fetal Bovine Serum (U.S.), Defined

### Serum Processing and Traceability:

- Every step is documented to final packaging
- Full traceability compliant with current Good Manufacturing Practices (cGMP)

### Quick and Reliable Processing:

- Extensive quality, performance, and analytical testing
- Aseptically packaged in a Class 100 cleanroom

### Quality Control Testing Standards:

- Each lot of serum is tested to ensure quality and sterility

### True Pool Processing:

- Pooled after filtration and before final packaging
- Consistent quality from the first bottle filled to the last
- Increases consistency and minimizes variability with a lot of serum



| Cat. No.  | Description | Quantity |
|-----------|-------------|----------|
| SH3007003 | 500mL       | 1/EA     |

### Cell Culture Media and Reagents

#### Cell Culture Supplements [Antibiotics]

## MP Biomedicals Antibiotics: Dihydrostreptomycin Sulfate

- Format: Powder, Non-sterile

| Cat. No.    | Description                     | Quantity |
|-------------|---------------------------------|----------|
| ICN19452825 | Dihydrostreptomycin Sulfate 25g | 1/EA     |

### Enzymes

#### Modifying Enzymes

## Catalase

- Powder
- CAS Reg. 9001-05-2
- Shelf life: 12 months
- Recommended Storage: Refrigeration

| Cat. No.      | Description | Quantity |
|---------------|-------------|----------|
| <i>Powder</i> |             |          |
| S25239A       | 1g          | 1/EA     |

## Microbiology Supplies

## Coagulase Plasma

## BD BBL™ Coagulase Rabbit Plasma with Citrate

- Recommended for performing the direct tube test
- Lyophilized
- B40658 reconstitutes to 3mL; B40661 reconstitutes to 15mL
- Refrigerate; store at 2° to 8°C

| Cat. No. | Description | Quantity |
|----------|-------------|----------|
| B40658   | 3mL         | 10/PK    |

## Neisseria Antisera

## BD Difco™ Neisseria meningitidis Antisera

- Stable, lyophilized, polyclonal rabbit antisera
- Contains 0.1% sodium azide as preservative

| Cat. No.  | Description              | Quantity |
|---|--------------------------|----------|
| <i>Neisseria meningitidis</i> Antiserum Group B |                          |          |
| DF2229-50-0                                     | Does not contain Mercury | 1/EA     |

## Susceptibility Testing Discs

## BD BBL™ Cefinase™ β-Lactamase Detection Discs

Rapid test used to isolate colonies of *Neisseria gonorrhoeae*, *Staphylococcus* sp., *Haemophilus influenzae* and anaerobic bacteria for the production of β-lactamase

Quarter inch disc impregnated with nitrocefin, a chromogenic cephalosporin

When a bacterium produces β-lactamase in significant quantities, the yellow-colored disc turns red in the area where the isolate is smeared



| Cat. No.                              | Description | Quantity |
|---------------------------------------|-------------|----------|
| <i>beta-Lactamase detection discs</i> |             |          |
| B31650                                | 50 discs    | 1/EA     |

## Consumables

## Apparel

## Chemical Resistant Aprons

## Rubberized Chemical Resistant Aprons

- Made of chemically resistant rubberized material
- Reinforced at points of strain
- Ties at waist and neck
- Latex-free
- Color: black



| Cat. No. | Description          | Quantity |
|----------|----------------------|----------|
| S475611E | Size: 36W x 42 in. H | 1/EA     |

## Controlled Environments Facemasks and Veils

## 3M™ 1860/1860S Healthcare Particulate Respirator and Surgical Mask

- Minimizes wearer exposure to airborne particles generated by electrocautery, laser surgery and powered medical instruments
- Fluid resistant to splash and spatter of blood and other infectious materials
- >99% BFE (Bacterial Filtration Efficiency) according to ASTM™ F2101
- Two sizes available to fit a broad range of faces
- Contains no components made from natural rubber latex
- Designed for ease of breathing
- Braided headbands, cushioning nose foam



| Cat. No. | Description | Quantity |
|----------|-------------|----------|
| 18-992   | Regular     | 20/PK    |
| 18-991   | Small       | 20/PK    |

## Apparel

## Controlled Environments Lab Coats [Single Use]

## Fisherbrand™ Basic Protection Disposable SMS White Lab Coats

- Latex-free, three-layer SMS construction
  - Packed 30 lab coats/case
  - Available in a variety of colors
  - Knit cuffs hold sleeves in place; standard collar
  - Three pockets and a five-snap closure
  - Fabric weight: 50g/m<sup>2</sup>
- Note:** Other materials, colors and options are available. See Fisherbrand Basic Protection Disposable Polypropylene Lab Coats with Elastic Cuffs, and Fisherbrand Basic Protection Disposable Lab Coats with Pockets. SMS coats are also available in Medical Blue, Teal, Purple, Cranberry and Blueberry.



| Cat. No.              | Description | Quantity |
|-----------------------|-------------|----------|
| <i>Length: 38 in.</i> |             |          |
| 17-100-810A           | Medium      | 10/PK    |
| <i>Length: 39 in.</i> |             |          |
| 17-100-811A           | Large       | 10/PK    |

## Controlled Environments Shoe and Boot Covers [Single Use]

## CT International Impervious Polylatex Shoe Covers

- Help to control contamination
- Non-skid
- Impervious to liquids
- Individually inspected for stitching, sizing, materials and workmanship



| Cat. No.            | Description         | Quantity |
|---------------------|---------------------|----------|
| <i>Color: White</i> |                     |          |
| 19-099-014          | Universal; 1000/Cs. | 1000/CS  |

General Purpose Aprons [Single Use]

### Fisherbrand™ Disposable Polyethylene Apron

- Bib-style
- Size: 46L x 28 in.W
- Thickness: 1.0mil
- White
- Sold in handy dispenser pack



| Cat. No.   | Description                 | Quantity |
|------------|-----------------------------|----------|
| 19-181-529 | 46L x 28 in. W (117 x 71cm) | 50/PK    |

General Purpose Coveralls [Single Use]

### Kimberly-Clark Professional™ KleenGuard™ A40 Liquid and Particle Protection Coveralls

- Can be used for liquid handling, maintenance, cleanroom construction and medical research facilities
- Breathable
- Low linting
- White
- Zipper front



| Cat. No.            | Description                         | Quantity |
|---------------------|-------------------------------------|----------|
| <i>Zipper front</i> |                                     |          |
| 19-120-2399B        | Elastic wrists and ankles; Medium   | 25/CS    |
| 19-120-2399C        | Elastic wrists and ankles; Large    | 25/CS    |
| 19-120-2399E        | Elastic wrists and ankles; XX-Large | 25/CS    |

For more options visit [fishersci.com](http://fishersci.com)

General Purpose Facemasks

### Fisherbrand™ Advanced Protection Disposable Facemasks

- Advanced protection
- Disposable, single use
- Choice of ear loops or tie closure
- Nonwoven polypropylene outer layer
- Thermally bonded nonwoven polypropylene inner layer
- Latex-free
- Choice of blue or white
- Universal size/fit



| Cat. No.                   | Description       | Quantity |
|----------------------------|-------------------|----------|
| <i>Advanced protection</i> |                   |          |
| 17-100-897                 | Blue; Ear loops   | 500/CS   |
| 17-100-899                 | Blue; Tie closure | 500/CS   |
| 17-100-898                 | White; Ear loops  | 500/CS   |
| 17-100-896                 | White; Ear loops  | 500/CS   |

General Purpose Gowns

### PolyCo™ PolyWear™ Smooth Disposable Gowns

- Full-length wraparound with open back tailored to eliminate excess material
- Tear-away collar for quick and easy removal
- Thumb loop on sleeve keeps cuffs under gloves, enhancing leak protection
- Gowns are folded for quick shake-out and easy donning
- Powder blue with smooth matte finish



| Cat. No.    | Description                                       | Quantity |
|-------------|---|----------|
| <i>Blue</i> |   |          |
| 18-567      | Size: Regular; Individually bagged; Dispenser box | 20/PK    |

General Purpose Headwear

### Fisherbrand™ Disposable Polypropylene Bouffant Cap

- Disposable
- 14gsm polypropylene
- Dia.: 21 in. (53.3cm) or 24 in. (60.9cm)
- Latex-free
- White



| Cat. No.   | Description           | Quantity |
|------------|-----------------------|----------|
| 19-170-900 | Dia.: 21 in. (53.3cm) | 100/PK   |
| 19-170-901 | Dia.: 24 in (60.9cm)  | 100/PK   |

General Purpose Lab Coats [Multiple Use]

### Fisherbrand™ Unisex Lab Coats

- Made of 80/20 polycotton, 5 oz. performance-blend fabric
- Precured durable press with soil-release treatment
- One-piece, lined, notched lapel collar
- 100% polyester-knit cuffs
- Front gripper closures
- One outside left breast pocket, two outside lower pockets
- Length: 41.5 in. (105cm) based on a medium size
- White



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 19-166-224 | Small       | 1/EA     |
| 19-166-225 | Medium      | 1/EA     |
| 19-166-226 | Large       | 1/EA     |

## General Purpose Lab Coats [Single Use]

## Fisherbrand™ Basic Protection Polypropylene Disposable Lab Coats with Elastic Cuffs

- Single-use lab coat
- Standard collar, no pockets
- Packed 25 lab coats/case
- Elastic cuffs hold sleeves in place
- Five snaps for a secure closure
- Fabric weight: 50g/m<sup>2</sup>
- **WhiteNote:** Other materials, colors and options are available. See Fisherbrand Basic Protection Disposable Lab Coats with Pockets, and Fisherbrand Basic Protection Disposable SMS Lab Coats in a variety of colors.



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 17-100-801 | Small       | 25/CS    |
| 17-100-802 | Medium      | 25/CS    |
| 17-100-803 | Large       | 25/CS    |
| 17-100-804 | X-Large     | 25/CS    |
| 17-100-805 | XX-Large    | 25/CS    |

## High Five™ SMS Disposable Lab Coats

- Protect against dry particulates and water-based liquids
- Knit collar and cuffs
- Five-snap front closure
- Available in white or blue



| Cat. No.                     | Description   | Quantity |
|------------------------------|---------------|----------|
| <i>Knit collar and cuffs</i> |               |          |
| 19-167-925                   | White; Medium | 30/CS    |
| 19-167-926                   | White; Large  | 30/CS    |

## General Purpose Shoe Covers

## Fisherbrand™ Basic Protection Disposable Shoe Covers

- Single-use
- Blue
- Polypropylene
- Latex-free
- 37gsm PP



| Cat. No.   | Description                  | Quantity |
|------------|------------------------------|----------|
| 17-100-903 | Universal; Anti-Skid         | 300/CS   |
| 17-100-904 | X-Large; Anti-Skid           | 300/CS   |
| 17-100-915 | Universal; Without Anti-Skid | 300/CS   |
| 17-100-916 | X-Large; Without Anti-Skid   | 300/CS   |

## Fisherbrand™ Maximum Protection Disposable Butterfly Shoe Covers

- Disposable/single-use
- Fluid-impervious
- 37gsm polyethylene/polypropylene
- Latex-free



| Cat. No.   | Description                  | Quantity |
|------------|------------------------------|----------|
| 17-100-903 | Universal; Anti-Skid         | 300/CS   |
| 17-100-904 | X-Large; Anti-Skid           | 300/CS   |
| 17-100-915 | Universal; Without Anti-Skid | 300/CS   |
| 17-100-916 | X-Large; Without Anti-Skid   | 300/CS   |

## High Five™ Spunbond Polypropylene Shoe Covers with Tread

- Strong, abrasion-resistant spunbond polypropylene
- Full elastic top stretches to allow for easy on and off
- Blue with white tread



| Cat. No.         | Description | Quantity |
|------------------|-------------|----------|
| <i>Universal</i> |             |          |
| 19-167-941       | Bulk        | 300/CS   |

High Visibility Vests

## Ergodyne™ GloWear™ Hi-Vis Class II Vests

### Economy Vests 8210HL

- Made of ANSI™-compliant mesh (3.3 oz.)
- 2" (5.1cm) Level 2 ANSI-compliant tape
- One inside pocket
- Available with hook and loop closure

### Standard Vests 8220Z, 8225Z, 8225HL

- Available in either ANSI-compliant mesh (3.3 oz.) or solid polyester (3.6 oz.)
- Mesh vest has zipper closure; solid vest available with zipper or hook-and-loop closure
- 2" Level 2 ANSI-compliant tape
- One inside pocket
- Two outside pockets



### Expandable Vest 8240HL

- Made of ANSI-compliant polyester mesh (3.3 oz.)
- Hook and loop closure
- Level 2 ANSI-compliant tape (3M™ Scotchlite™)
- Tape set on 4.5" (11.4cm) contrasting color background
- Radio tabs/holders
- One multi-division inside pocket

### Two-Tone Vest 8230Z

- Made of ANSI-compliant polyester (3.3 oz.)
- 2" Level 2 ANSI-compliant tape (3M™ Scotchlite™)
- One inside pocket
- Zipper closure
- Tape set on 4.5" (11.4cm) contrasting color background

### Standard Non-Certified Vest 8020HL

- Made of polyester mesh (2.6 oz.)
- Hook and loop closure
- 1" (2.54cm) reflective tape

| Cat. No.                 | Description                | Quantity |
|--------------------------|----------------------------|----------|
| <b>Hook/Loop Closure</b> |                            |          |
| 19-130-2260              | Orange; Small, Medium      | 1/EA     |
| 19-130-2262              | Orange; 2X-Large, 3X-Large | 1/EA     |
| 19-130-2261              | Orange; Large, X-Large     | 1/EA     |
| 19-130-2264              | Lime; Small, Medium        | 1/EA     |
| 19-130-2266              | Lime; 2X-Large, 3X-Large   | 1/EA     |
| 19-130-2265              | Lime; Large/X-Large        | 1/EA     |
| 19-130-2267              | Lime; 4X-Large, 5X-Large   | 1/EA     |
| 19-130-2274              | Lime; 2X-Large/3X-Large    | 1/EA     |
| 19-130-2289              | Lime; X-Large              | 1/EA     |
| 19-130-2306              | Lime; 2X-Large/3X-Large    | 1/EA     |
| 19-130-2263              | Orange; 4X-Large, 5X-Large | 1/EA     |
| 19-130-2354              | Orange; Universal          | 1/EA     |
| 19-130-2355              | Lime; Universal            | 1/EA     |
| 19-147-505               | Lime; Medium/Large         | 1/EA     |
| <b>Zipper Closure</b>    |                            |          |
| 19-130-2272              | Lime; Small, Medium        | 1/EA     |
| 19-130-2273              | Lime; Large, X-Large       | 1/EA     |
| 19-130-2275              | Lime; 4X-Large/5X-Large    | 1/EA     |
| 19-130-2300              | Orange; Small/Medium       | 1/EA     |
| 19-130-2301              | Orange; Large/X-Large      | 1/EA     |
| 19-130-2302              | Orange; 2X-Large/3X-Large  | 1/EA     |
| 19-130-2303              | Orange; 4X-Large/5X-Large  | 1/EA     |
| 19-130-2305              | Lime; Large/X-Large        | 1/EA     |
| 19-130-2304              | Lime; Small/Medium         | 1/EA     |

Applicators and Swabs

General Purpose Swabs and Applicators

## Fisherbrand™ Plain-Tipped Applicators

- Nonsterile
- Wooden
- Bulk packaging



| Cat. No.   | Description             | Quantity |
|------------|-------------------------|----------|
| 23-400-102 | 0.083 dia. x 5.87 in. L | 864/PK   |
| 23-400-104 | 0.083 dia. x 12 in. L   | 1000/PK  |
| 23-400-112 | 0.083 dia. x 6 in. L    | 1000/PK  |

## Fisherbrand™ Synthetic-Tipped Applicators

- Sterile or nonsterile
- Sterile are individually wrapped
- Polyester-tipped in wooden or plastic handle



| Cat. No.                           | Description             | Quantity |
|------------------------------------|-------------------------|----------|
| 23-400-116                         | Polyester tip           | 100/PK   |
| <b>Polyester tip/Plastic shaft</b> |                         |          |
| 23-400-111                         | Sterile; 2 per envelope | 200/PK   |
| 23-400-122                         | Sterile; 1 per envelope | 100/PK   |
| <b>Polyester tip/Wood shaft</b>    |                         |          |
| 23-400-113                         | Nonsterile              | 1000/PK  |

## Fisherbrand™ Cotton-Tipped Applicators

- Purified cotton
- Useful in bacteriology labs for inoculating broths or plated media or for obtaining culture specimens and for cleaning delicate instruments



| Cat. No.                                 | Description                              | Quantity |
|--|--|----------|
| 23-400-105                               | Length: 3 in. (76mm)                     | 1000/PK  |
| 23-400-106                               | Length: 6 in. (151mm)                    | 1000/PK  |
| <b>Applicator stick</b>                  |  |          |
| 23-400-101                               | Length: 6 in.; Cotton-tipped             | 1000/PK  |
| <b>Cotton tip</b>                        |  |          |
| 23-400-114                               | Wood shaft; Sterile; 200/Pk.; 10 Pk./Cs. | 200/PK   |
| <b>Cotton tip/Plastic shaft</b>          |  |          |
| 23-400-107                               | Nonsterile                               | 1000/PK  |
| 23-400-109                               | Sterile; 1 per envelope                  | 1000/CS  |
| 23-400-110                               | Sterile; 2 per envelope                  | 2000/CS  |
| <b>Cotton tip/Wood shaft</b>             |  |          |
| 23-400-115                               | Sterile; 6 in. (15cm)                    | 100/PK   |
| 23-400-124                               | Sterile; 2 per envelope                  | 2000/CS  |
| 23-400-125                               | Sterile; 1 per envelope                  | 1000/CS  |
| <b>Cotton-Tipped</b>                     |  |          |
| 23-400-100                               | 3 in. long                               | 1000/PK  |
| 23-400-118                               | Wooden Handle; Length: 3 in.             | 1000/PK  |
| <b>Small cotton tip/6-in. wood shaft</b> |  |          |
| 23-400-119                               | Nonsterile                               | 1000/PK  |

## Puritan™ Medical Calcium Alginate Swabs

- Processing purges any detectable bactericidal agent in the calcium alginate wool tips, eliminating the need for charcoal as a component for transport systems
- Calcium alginate fibers lack fatty acids that inhibit many gonorrhea strains
- Calcium alginate fibers are slowly dissolved by body fluids and tissues, eliminating the potential for reactions to foreign matter

| Cat. No.               | Description  | Quantity |
|------------------------|--|----------|
| <b>Urethro-genital</b> |  |          |
| 22-029-501             | Flexible aluminum shaft, Type 4; Shaft dimensions: 5-1/2 L x .025 Diameter in. | 50/PK    |

### Bags

### Autoclaving Bags

## Fisherbrand™ Orange Autoclave Bags With Sterilization Indicator

- Maximum temperature of 140°C (285°F); use at 125°C (257°F)
- Come with wire-tie closures



| Cat. No. | Description           | Quantity |
|----------|-----------------------|----------|
| 01-814A  | Size: 14W x 19 in. L  | 200/PK   |
| 01-814B  | Size: 19W x 23 in. L  | 200/PK   |
| 01-814C  | Size: 25W x 35 in. L  | 200/PK   |
| 01-814D  | Size: 38W x 47 in. L  | 100/PK   |
| 01-815-1 | Size: 8.5W x 11 in. L | 100/PK   |

## Fisherbrand™ Polyethylene Biohazard Autoclave Bags

- Maximum temperature of 127°C (260°F)
- All bags supplied with autoclavable elastic steam-venting closures except 1.5mil-thick plain clear bags



| Cat. No.   | Description                        | Quantity |
|------------|------------------------------------|----------|
| <b>Red</b> |                                    |          |
| 01-829A    | Printed; 1.5mil; Size: 8 x 12 in.  | 200/PK   |
| 01-829B    | Printed; 1.5mil; Size: 14 x 19 in. | 200/PK   |
| 01-829C    | Printed; 1.5mil; Size: 19 x 23 in. | 200/PK   |
| 01-829D    | Printed; 1.5mil; Size: 25 x 35 in. | 200/PK   |

## Fisherbrand™ Polypropylene Biohazard Autoclave Bags

- Maximum temperature, 140°C (285°F); for use at 134°C (274°F)
- 2mil thick
- Available printed or plain
- Supplied with autoclavable elastic steam-venting closures



| Cat. No.     | Description                | Quantity |
|--------------|----------------------------|----------|
| <b>Clear</b> |                            |          |
| 01-826-1     | Plain; Size: 8 x 12 in.    | 200/PK   |
| 01-826-2     | Plain; Size: 10 x 10 in.   | 200/PK   |
| 01-826-3     | Plain; Size: 10 x 12 in.   | 200/PK   |
| 01-826-4     | Plain; Size: 10 x 15 in.   | 200/PK   |
| 01-826-5     | Plain; Size: 12 x 24 in.   | 200/PK   |
| 01-826-6     | Plain; Size: 24 x 30 in.   | 200/PK   |
| 01-826-7     | Plain; Size: 24 x 36 in.   | 200/PK   |
| 01-826A      | Printed; Size: 12 x 24 in. | 200/PK   |
| 01-826B      | Printed; Size: 24 x 30 in. | 200/PK   |
| 01-826C      | Printed; Size: 24 x 36 in. | 200/PK   |
| 01-826D      | Printed; Size: 31 x 38 in. | 200/PK   |
| 01-826E      | Printed; Size: 37 x 48 in. | 100/PK   |
| <b>Red</b>   |                            |          |
| 01-828A      | Printed; Size: 8 x 12 in.  | 200/PK   |
| 01-828B      | Printed; Size: 14 x 19 in. | 200/PK   |
| 01-828C      | Printed; Size: 19 x 23 in. | 200/PK   |
| 01-828D      | Printed; Size: 25 x 35 in. | 200/PK   |
| 01-828E      | Printed; Size: 37 x 48 in. | 100/PK   |
| 01-830A      | Plain; Size: 8 x 12 in.    | 200/PK   |
| 01-830B      | Plain; Size: 14 x 19 in.   | 200/PK   |
| 01-830C      | Plain; Size: 19 x 23 in.   | 200/PK   |
| 01-830D      | Plain; Size: 25 x 35 in.   | 200/PK   |
| 01-830E      | Plain; Size: 37 x 48 in.   | 100/PK   |

### General Purpose Waste Disposal Bags

## Fisherbrand™ Institutional Trash Can Liners

- For collecting and containing refuse
- Available in both linear low density (LLDPE) and high density (HDPE) polyethylene film
- Sold in flat packs for easy dispensing
- Provide a cost-effective solution for every application



| Cat. No.             | Description           | Quantity |
|----------------------|-----------------------|----------|
| <b>12 to 16 gal.</b> |                       |          |
| 14-828-401           | 0.35mil; LLDPE; Clear | 1000/CS  |

## Medical Action™ Low-Density Institutional Trash Can Liners

| Cat. No.      | Description        | Quantity |
|---------------|--------------------|----------|
| <b>0.4mil</b> |                    |          |
| 14-828-206    | Brown; 24 x 23 in. | 500/CS   |

**Hazardous Waste Disposal Bags**

**Fisherbrand™ Biohazard Specimen Transport Bags**

- Clear polyethylene with three-wall construction and large printed biohazard graphic
- Reclosable zipper seal



| Cat. No.                                    | Description                                      | Quantity |
|---|--|----------|
| 01-800-00                                   | Size: L x W: 4 x 6 in.                           | 1000/CS  |
| 01-800-01                                   | Size: L x W: 6 x 6 in.                           | 1000/CS  |
| 01-800-07                                   | Size: L x W: 8 x 8 in.                           | 1000/CS  |
| <b>No print</b>                             |  |          |
| 01-800-02                                   | Clear; Size: 6 x 9 in.                           | 1000/CS  |
| <b>Printed</b>                              |  |          |
| 01-800-04                                   | Red STAT labeling; Size: 6 x 9 in. (15.2 x 23cm) | 1000/CS  |
| <b>Reclosable specimen transport bag</b>    |  |          |
| 01-800-05                                   | With pad and pouch; Size: 6 x 9 in.              | 500/CS   |
| <b>Size: L x W: 12 x 15 in. (30 x 38cm)</b> |  |          |
| 01-800-09                                   | Printed  | 1000/CS  |
| <b>Size: L x W: 6 x 9 in.</b>               |  |          |
| 01-800-06                                   | With scoreline                                   | 1000/CS  |
| <b>w/Large printed biohazard graphic</b>    |  |          |
| 01-800-03                                   | Size: 6 x 9 in.                                  | 1000/CS  |
| 01-800-08                                   | Size: 8 x 10 in.                                 | 1000/CS  |

**Minigrip™ SPECI-ZIP™ Reclosable Red Biohazard Bags**

- Designed with info pocket (three wall) and tear line
- Bilingual in English and Spanish

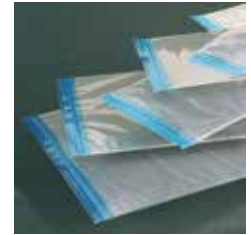


| Cat. No.   | Description               | Quantity |
|------------|---------------------------|----------|
| 22-310-409 | Opaque film; 6W x 9 in. H | 1000/CS  |

**Sample Bags**

**Fisherbrand™ Bitran™ Specimen Storage Bags**

- Use for collecting, transporting and storing tissue specimens
- Minimize storage space and help to eliminate leakage, breakage and contamination
- Resealable double-lock zipper closure
- Designed for storage of tissues and fixatives and for use as mini-anaerobic environments



| Cat. No.            | Description       | Quantity |
|---------------------|-------------------|----------|
| <b>Polyethylene</b> |                   |          |
| 19-075-206          | Size: 16 x 16 in. | 100/CS   |
| 19-075-207          | Size: 24 x 24 in. | 100/CS   |
| 19-240-168          | Size: 3 x 6 in.   | 250/PK   |
| 19-240-192          | Size: 6 x 6 in.   | 250/PK   |
| 19-240-200          | Size: 7 x 8 in.   | 250/PK   |
| 19-240-218          | Size: 9 x 12 in.  | 250/PK   |
| 19-240-226          | Size: 12 x 12 in. | 250/PK   |
| <b>Saranex</b>      |                   |          |
| 19-075-208          | Size: 16 x 16 in. | 100/CS   |
| 19-075-209          | Size: 24 x 24 in. | 100/CS   |
| 19-240-093          | Size: 2 x 4 in.   | 250/PK   |
| 19-240-101          | Size: 3 x 6 in.   | 250/PK   |
| 19-240-119          | Size: 6 x 6 in.   | 250/PK   |
| 19-240-127          | Size: 7 x 8 in.   | 250/PK   |
| 19-240-143          | Size: 9 x 12 in.  | 250/PK   |
| 19-240-150          | Size: 12 x 12 in. | 250/PK   |

**Fisherbrand™ Color-Coded Transport Bags**

- Measure 6 x 9" (15 x 23cm)
- Printed with orange biohazard symbol, blue stat and storage instructions
- Document pouch keeps paperwork separate from specimens



| Cat. No.  | Description     | Quantity |
|-----------|-----------------|----------|
| 01-800-10 | Color: Blue     | 1000/CS  |
| 01-800-11 | Color: Green    | 1000/CS  |
| 01-800-12 | Color: Orange   | 1000/CS  |
| 01-800-13 | Color: Red      | 1000/CS  |
| 01-800-14 | Color: Yellow   | 1000/CS  |
| 01-800-15 | Color: Assorted | 1000/CS  |

**Fisherbrand™ Infecon™ Specimen Transport Bags**

- For collecting, storing and transporting tissue samples
- Patented seal and double-lock closure make bag liquid-tight, easy to open and close
- Polyethylene with preprinted biohazard label



| Cat. No.   | Description        | Quantity |
|------------|--------------------|----------|
| 18-028-321 | L x W: 10 x 8 in.  | 250/PK   |
| 19-028-320 | L x W: 12 x 12 in. | 250/PK   |
| 19-075-210 | L x W: 16 x 16 in. | 100/CS   |
| 19-287-215 | L x W: 9 x 6 in.   | 1000/CS  |
| 22-287-216 | L x W: 12 x 9 in.  | 1000/CS  |

## Fisherbrand™ Zipper-Seal Sample Bags

- Durable, transparent polyethylene
- Ideal for collecting, storing and protecting laboratory specimens and samples easily and conveniently
- Clear, print-free surface lets user mark and label each bag separately



| Cat. No.    | Description                 | Quantity |
|-------------|-----------------------------|----------|
| <b>2mil</b> |                             |          |
| 01-816-1B   | 5L x 3 in. W (13 x 7cm)     | 1000/CS  |
| 01-816-1C   | 6L x 4 in. W (15 x 10cm)    | 1000/CS  |
| 01-816-1E   | 12L x 9 in. W (30 x 23cm)   | 1000/CS  |
| <b>4mil</b> |                             |          |
| 01-816B     | 13L x 6 in. W (33 x 15.2cm) | 50/PK    |

## Minigrip™ Reloc ZIPPIT™ Clear Non-Biohazard Reclosable Zipper Bags

- Clear (plain) bags with no biohazard logo
- Wide range of sizes and gauges
- With or without white block and hangholes
- DispenserBag™ convenience packaging



| Cat. No.              | Description | Quantity |
|-----------------------|-------------|----------|
| <b>8 W x 10 in. H</b> |             |          |
| 22-310-026            | 2mil        | 1000/CS  |

### Waste Disposal Bag Supports

## Bel-Art™ Scienceware™ Poxygrid™ Benchtop Biohazard Bag Holder

- Snug fitting polypropylene plastic cover helps hold the bag securely in place
- Reusable; can be cleaned by hand or in automated dish washers; autoclavable
- Cover provides compliance with 29 CFR 1910.1030(d)(2)(xiii)(A), which requires a cover on any container used to store, transport, or ship biohazardous wastes
- Kit includes 100 Bench Top Biohazard Bags (03-410-591); can also be used with Clavies Autoclavable Bags (01-815-6)



| Cat. No. | Description | Quantity |
|----------|-------------|----------|
| 01-815-2 | Bag Holder  | 1/EA     |

### Beakers

#### Glass Beakers

## Fisherbrand™ Reusable Glass Berzelius Beakers



- Slightly flared top, reinforcing bead and pouring spout
- Durable matte finish marking area
- White scales to approximate volumes
- Made with Borosilicate glass

| Cat. No.    | Description | Quantity |
|-------------|-------------|----------|
| FB-102-100  | 100mL       | 12/PK    |
| FB-102-200  | 200mL       | 12/PK    |
| FB-102-300  | 300mL       | 12/PK    |
| FB-102-400  | 400mL       | 6/PK     |
| FB-102-600  | 600mL       | 6/PK     |
| FB-102-1000 | 1000mL      | 6/PK     |

## Fisherbrand™ Reusable Glass Low-Form Griffin Beakers



- Made of KG-33 borosilicate glass
- Thick, heavy construction with beaded top
- Uniform wall thickness
- Durable, matte-finish marking area for use with an ordinary pencil
- Easy-to-read white graduated double scale on all sizes from 50 to 1000mL

| Cat. No.                | Description                                | Quantity |
|-------------------------|--|----------|
| <b>Capacity: 1000mL</b> |  |          |
| FB-100-1000             | Graduated 100 to 1000mL in 50mL increments | 6/PK     |
| <b>Capacity: 600mL</b>  |  |          |
| FB-100-600              | Graduated 50 to 500mL in 50mL increments   | 6/PK     |

### Bench Protectors

## Fisherbrand™ Absorbent Surface Liners

- Soft, durable and highly absorbent multilayer liner cushions surfaces and absorbs and retains spills
- Waterproof polypropylene backing resists most chemicals
- Easily cut to desired size
- White
- Ideal for protecting benches and surfaces
- Available in roll or dispenser box



| Cat. No.  | Description                 | Quantity |
|-----------|-----------------------------|----------|
| 14-127-47 | Size: 20 in. x 300 ft. roll | 1/EA     |



## Fisherbrand™ Absorbent Surface Protector

- Ideal for preventing glass breakage, protecting benches, absorbing liquids and lining humidity chambers and fume cupboards
- Paper side quickly absorbs liquids and keeps spills from spreading
- Polyethylene side prevents liquids from reaching work area and is useful for sample recovery



| Cat. No.   | Description         | Quantity |
|------------|---------------------|----------|
| 14-666-301 | Size: 18 x 22.5 in. | 50/PK    |

## Fisherbrand™ Absorbent Underpads

- Made with high-absorbency fibers
- Polyethylene backing is chemical resistant, and the spunbond top layer provides durability even when wet
- Lie flat, hugging the benchtop to prevent sliding
- Absorb up to 750mL/m<sup>2</sup>



| Cat. No.                      | Description                          | Quantity |
|-------------------------------|--------------------------------------|----------|
| <b>Mat</b>                    |                                      |          |
| 14-206-62                     | L x W: 20 x 24 in. (50.8 x 61cm)     | 50/PK    |
| 14-206-63                     | L x W: 20 x 36 in.                   | 25/PK    |
| <b>Roll</b>                   |                                      |          |
| 14-206-64                     | Dispenser pack; 20 in. x 100 ft.     | 1/EA     |
| <b>Roll in dispenser pack</b> |                                      |          |
| 14-206-65                     | L x W: 20 in. x 250 ft. (51cm x 76m) | 1/CS     |

### Bottles

#### Glass Environmental Sampling Bottles

## Thermo Scientific™ Narrow-Mouth Closed Top VOA Bottles; Type III glass bottle, white PP open top closure PTFE liner

- Type III soda-lime amber glass bottle; recommended for light-sensitive analytes
- White polypropylene cap with bonded PTFE-liner that can't fall out
- Caps assembled onto bottles
- Narrow-mouth design is ideal for water samples



| Cat. No.   | Description                                      | Quantity |
|------------|--|----------|
| 05-719-489 | 1L NM Amber bottle with Closed top cap certified | 12/CS    |

### Glass Media Bottles

## PYREX™ Reusable Media Storage Bottles

- Graduated in mL increments
- Orange autoclavable polypropylene plug-seal caps
- Drip-free clear polypropylene pouring rings
- Withstand temperatures up to 140°C (284°F), included on sizes 50mL through 10L



| Cat. No.  | Description      | Quantity |
|-----------|------------------|----------|
| 06-414-1F | 500mL (169 oz.)  | 1/CS     |
| 06-414-1G | 1000mL (338 oz.) | 1/CS     |

### Glass Serum Bottles

## Kimble™ KG-35 Borosilicate Glass Serum Bottle, Aluminum Seal without Closure



| Cat. No.    | Description                              | Quantity |
|-------------|--|----------|
| 10-310-240E | Serum Bottle, Capacity: 20mL, O.D.: 33mm | 288/CS   |

### Plastic Jars

## Fisherbrand™ Wide-Mouth Polypropylene Jars

- Handle up to 135°C (275°F) for short periods and 100°C (212°F) continuously
- Brittleness temperature of 0°C (32°F)
- Rigid walls
- Excellent chemical resistance
- Can be sterilized by all normal methods, except dry heat and radiation



| Cat. No. | Description     | Quantity |
|----------|-----------------|----------|
| 02-891A  | 1 oz. (30mL)    | 72/CS    |
| 02-891B  | 2 oz. (60mL)    | 48/CS    |
| 02-891C  | 4 oz. (125mL)   | 36/CS    |
| 02-891D  | 8 oz. (250mL)   | 36/CS    |
| 02-891E  | 16 oz. (500mL)  | 24/CS    |
| 02-891F  | 32 oz. (1000mL) | 24/CS    |

## Plastic Wash Bottles

## Fisherbrand™ 500mL Easy-Squeeze Wash Bottles

- Wide mouth
- Translucent and sputter-free
- With easy-to-read color-coded silk-screened labels
- Tips can be cut back to increase flow
- When not in use, bottles relieve internal pressure without dripping



| Cat. No.  | Description | Quantity |
|-----------|-------------|----------|
| 02-897-11 | For water   | 6/CS     |

## Fisherbrand™ Safety-Vented™ and Safety Labeled Right-to-Know Wash Bottles

## Preprinted bottles feature:

- Keep liquids in clearly marked bottles that help prevent accidental misuse
- Chemical name and formula
- Full color NFPA™ Diamond
- Health hazards
- CAS # (Chemical Abstract Services #)
- Suggested protective clothing and equipment
- LDPE



| Cat. No.   | Description                            | Quantity |
|------------|--|----------|
| 08-647-708 | 16 oz. (500mL); Acetone (Red Cup)      | 6/PK     |
| 08-647-707 | 16 oz. (500mL); Assorted Colors        | 6/PK     |
| 08-647-710 | 16 oz. (500mL); Ethanol (Natural)      | 6/PK     |
| 08-647-709 | 16 oz. (500mL); Distilled Water (Blue) | 6/PK     |
| 08-647-712 | 16 oz. (500mL); Methanol (Green)       | 6/PK     |
| 08-647-713 | 16 oz. (500mL); Bleach (Yellow)        | 6/PK     |
| 08-647-711 | 16 oz. (500mL); Isopropanol (Yellow)   | 6/PK     |

## Fisherbrand™ Translucent White Wash Bottles

- LDPE with one-piece polypropylene screw cap and nozzle
- Tip may be cut back to increase flow



| Cat. No.   | Description    | Quantity |
|------------|----------------|----------|
| 03-409-22C | 16 oz. (500mL) | 6/PK     |
| 03-409-23T | 8 oz. (250mL)  | 6/PK     |

## Thermo Scientific™ Nalgene™ Autoclavable Wash Bottles; PPCO bottle, PP screw/stem and draw tube

- With polypropylene screw/stem and draw tube
- Designed to dispense uniformly through the top with a closure and stem molded in one piece for leakproof service
- Tip can be cut back to provide increased flow
- Tight fit of draw tube and closure prevents separation when squeezing bottle
- Autoclavable/Leakproof



| Cat. No.   | Description              | Quantity |
|------------|--------------------------|----------|
| 03-409-14A | Capacity: 16 oz. (500mL) | 6/PK     |

## Square Plastic Wide Mouth Bottles

## Fisherbrand™ HDPE Wide-Mouth Oblong Bottles with Foamed PE-Lined Caps

- Wide mouth ideal for powders
- Natural color



| Cat. No.   | Description                      | Quantity |
|------------|----------------------------------|----------|
| 02-911-960 | Screw cap size: 43mm-400; 24/pk. | 24/CS    |

## Boxes

## Fiberboard Boxes

## Fisherbrand™ Cryo/Freezer Boxes

## Simple design for versatile use

- Unbreakable white fiberboard to protect samples
- Surface is easy to write on for identification
- Sized to fit all standard stainless-steel and polycarbonate storage systems
- Protective coating prevents water or liquid nitrogen from saturating box for increased longevity
- Tight lid-to-box fit means accidental separation is next to impossible
- Bottom drain holes allow safe drainage of liquid nitrogen, prevent moisture buildup
- Catalog numbers are printed on box lids for easy reorder
- Can be used in mechanical freezers and liquid nitrogen tanks at temperatures to  $-196^{\circ}\text{C}$



| Cat. No.   | Description  | Quantity |
|------------|--|----------|
| 03-395-451 | Bottom drain holes, tight lid; Without dividers; 3 × 3 × 2 in.       | 1/EA     |
| 03-395-454 | Bottom drain holes, tight lid; Without dividers; 5.75 × 5.75 × 4 in. | 1/EA     |
| 03-395-455 | Bottom drain holes, tight lid; Without dividers; 5 × 5 × 2 in.       | 1/EA     |
| 03-395-456 | Bottom drain holes, tight lid; Without dividers; 5 × 5 × 3 in.       | 1/EA     |
| 03-395-465 | No. of cells: 100; 5 × 5 × 2 in.                                     | 1/EA     |
| 03-395-463 | No. of cells: 25; 3 × 3 × 2 in.                                      | 1/EA     |
| 03-395-464 | No. of cells: 81; 5 × 5 × 2 in.                                      | 1/EA     |

## Boxes

## Plastic Boxes

## Fisherbrand™ 81-Place Polypropylene Cryo Storage Boxes

- Useful at temperatures -80° C to +121° C (-112°F to +249°F)
- 81-place 9 x 9 row boxes hold 0.5, 1.5 and 2.0mL tubes and cryo vials
- Five color choices; useful for organization and quick visual identification of samples
- Secure fitting, lift-off, clear translucent lids let you easily view contents; matte panels on two sides for trouble-free labeling
- Alphanumeric grid lets you track individual samples
- "No slide" features molded in bottom and lid provide secure stacking
- **Boxes measure:** 5.5 x 5.5 x 1.9" H (14 x 14 x 4.8cm H)



| Cat. No. | Description | Quantity |
|----------|-------------|----------|
| 14-081-A | Natural     | 5/PK     |

## Brushes

## Fisherbrand™ Flexible-Handle Brushes

- Plastic handle bends to allow fitting of bristles to container shape
- Handle has hanging ring



| Cat. No. | Description       | Quantity |
|----------|-------------------|----------|
| 03-570C  | For 1000mL flasks | 1/EA     |

## Fisherbrand™ Soft Nylon Bristle Brush

- Made from soft nylon bristles Length: 12" (30cm)



| Cat. No.                     | Description                   | Quantity |
|------------------------------|-------------------------------|----------|
| <i>Length: 12 in. (30cm)</i> |                               |          |
| 03-636                       | Bristle L x dia.: 6.3 x 1.3cm | 12/PK    |

## Fisherbrand™ Tube Brush

- Tapered bristle portion, 0.5" dia. (1.3cm) at tip
- Galvanized wire handle



| Cat. No.                       | Description                                  | Quantity |
|--------------------------------|--|----------|
| <i>Length: 9 in. (22.86cm)</i> |  |          |
| 03-608                         | Bristle L x dia.: 3.5 x 0.81 in. (8.9 x 2cm) | 12/PK    |

## Cleaning Products

## Disinfectants

## Decon™ CiDecon™ Detergent Disinfectant

- Designed for cleaning and disinfecting surfaces in labs, production areas, and equipment
- Effective against a wide range of pathogenic organisms, including TB, HIV-1, bacteria, viruses, and fungi in the presence of 1000ppm hard water and 10% organic soil
- Dilution ratio: 1 oz. (30mL) per gallon (3.8L) of water



| Cat. No.  | Description   | Quantity |
|-----------|---------------|----------|
| 04-355-64 | 1 gal. (3.8L) | 1/EA     |

## Decon™ Conflkt™ Detergent Disinfectant

- Environmentally Friendly: Item contains environmental attributes or features (e.g. water conserving, lead-free, etc.) as described in the item detail
- Recycled: Item contains recycled content as described in the item detail
- Non-toxic: Item is non-toxic



| Cat. No.  | Description   | Quantity |
|-----------|---------------|----------|
| 04-355-52 | 1 gal. (3.8L) | 1/EA     |

## Fisherbrand™ Sterile Alcohol Prep Pads

- Medium-sized (1.1 x 2.6")
- Sterile, 2-ply non-woven sponges
- Saturated with 70% isopropyl alcohol



| Cat. No.   | Description      | Quantity |
|------------|------------------|----------|
| 22-363-750 | Alcohol Prep Pad | 200/PK   |

## Molecular BioProducts™ RNase AWAY™ Surface Decontaminant

- Use on pipets, gel boxes, or RNA or DNA prep areas
- Leaves no residue to interfere with gel polymerization or staining
- Chemically stable and nonabrasive
- Contains no strong acids
- Apply to surface to decontaminate, then rinse



| Cat. No.                     | Description            | Quantity |
|------------------------------|------------------------|----------|
| <i>Surface decontaminant</i> |                        |          |
| 14-375-35                    | 33.875 oz. bottle (1L) | 1/EA     |
| 21-236-21                    | 8.5 oz. Bottle (0.25L) | 1/EA     |

## Dusters [Janitorial]

## Fisherbrand™ Super Friendly Air'It™ Aerosol Duster

- Provides high-pressure, pinpointed jets of air exactly where needed—up to 3000 jets of cleaning power
- Trigger-actuated valve provides controlled delivery at 71psi
- Triple-filtered (to 0.3µm) gas is noncorrosive, nonflammable, dry, and odorless
- 5" (13cm) snorkel constructed of nonconductive polyethylene



| Cat. No.      | Description | Quantity |
|---------------|-------------|----------|
| 11 oz. (312g) |             |          |
| 23-022-523    | 6/Cs.       | 6/CS     |

## Labware Detergents and Cleaners

## Fisherbrand™ Sparkleen™ 1 Detergent

- For manual washing
- Fast-dissolving powder
- Free rinsing
- Contains phosphates
- Softens water, removes stains



| Cat. No. | Description      | Quantity |
|----------|------------------|----------|
| 04-320-4 | 1.5kg (3.33 lb.) | 1/EA     |

## Fisherbrand™ Sparkleen™ 2 Detergent

- For use in automated glassware washers
- Concentrated, chlorinated powder
- High-alkaline formula
- Free-rinsing, even in hard water
- Contains phosphates



| Cat. No. | Description      | Quantity |
|----------|------------------|----------|
| 04-320-6 | 3.25 lb. (1.5kg) | 1/EA     |

## Lens Cleaning Products

## Fisherbrand™ Lens Paper

## Booklet

- Never scratches glass lenses, objectives, or other delicate surfaces
- Doesn't become harsh; doesn't readily collect dust or grease
- Virtually lint-free sheets are glued and bound in a booklet for easy removal



## Dispenser Box

- Same paper as above, but packaged in a convenient dispenser box for fast, single-sheet removal individual sheets measure 5L x 7"W (13 x 18cm)

| Cat. No.                     | Description          | Quantity |
|------------------------------|----------------------|----------|
| 4L x 6 in. W (10.1 x 15.2cm) |                      |          |
| 11-996                       | Sheets per book: 50  | 12/PK    |
| 6L x 8 in. W (15.2 x 20.3cm) |                      |          |
| 11-995                       | Sheets per book: 100 | 12/PK    |

## Fisherbrand Lens Paper Dispenser



| Cat. No. | Description                   | Quantity |
|----------|-------------------------------|----------|
| 11-997   | Lens cleaning paper dispenser | 1/PK     |

## Cotton

## Cotton [Nonsterile]

## Fisherbrand™ Nonsterile Cotton Balls

- Uniform in size and shape
- Made of pure, natural, bleached cotton for increased absorbency
- Available in sizes medium, large, extra large, and bulk roll



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 22-456-881 | Roll        | 1/EA     |

## Coverslips

## Glass Microscope Coverslips

## Fisherbrand™ Cover Glasses: Circles

- Corrosion-resistant
- Lint-free and ready to use
- Available in squares, circles and rectangles
- Available in 12 to 25mm sizes



| Cat. No.               | Description                           | Quantity |
|------------------------|---------------------------------------|----------|
| <b>Circles No. 1</b>   |                                       |          |
| 12-545-100             | Thickness: 0.13 to 0.17mm; Size: 18mm | 1/PK     |
| 12-545-101             | Thickness: 0.13 to 0.17mm; Size: 22mm | 1/PK     |
| 12-545-102             | Thickness: 0.13 to 0.17mm; Size: 25mm | 1/PK     |
| 12-545-80              | Thickness: 0.13 to 0.17mm; Size: 12mm | 1/PK     |
| 22-031-144             | Thickness: 0.13 to 0.17mm; Size: 15mm | 1020/CS  |
| <b>Circles No. 1.5</b> |                                       |          |
| 12-545-81              | Thickness: 0.16 to 0.19mm; Size: 12mm | 1/PK     |
| <b>Circles No. 2</b>   |                                       |          |
| 12-546-1               | Thickness: 0.17 to 0.25mm; Size: 22mm | 1/PK     |
| 12-546-2               | Thickness: 0.17 to 0.25mm; Size: 25mm | 1/PK     |
| 22-031-145             | Size: 15mm dia. circle                | 152/PK   |
| 22-293-232             | Size: 12mm dia. circle                | 1/PK     |

## Fisherbrand™ Cover Glasses: Rectangles

- Corrosion-resistant
- Lint-free and ready to use



| Cat. No.                  | Description  | Quantity |
|---------------------------|--|----------|
| <b>Rectangles No. 1</b>   |  |          |
| 12-544-18                 | Thickness: 0.13 to 0.17mm; Size: 55 × 24mm                 | 1/PK     |
| 12-545A                   | Thickness: 0.13 to 0.17mm; Size: 30 × 22mm                 | 1/PK     |
| 12-545B                   | Thickness: 0.13 to 0.17mm; Size: 30 × 24mm                 | 1/PK     |
| 12-545C                   | Thickness: 0.13 to 0.17mm; 40 × 22mm                       | 1/PK     |
| 12-545D                   | Thickness: 0.13 to 0.17mm; Size: 40 × 24mm                 | 1/PK     |
| 12-545E                   | Thickness: 0.13 to 0.17mm; Size: 50 × 22mm                 | 1/PK     |
| 12-545F                   | Thickness: 0.13 to 0.17mm; Size: 50 × 24mm                 | 1/PK     |
| 12-545G                   | Thickness: 0.13 to 0.17mm; Size: 50 × 35mm                 | 1/PK     |
| 12-545H                   | Thickness: 0.13 to 0.17mm; Size: 50 × 45mm                 | 1/PK     |
| 12-545J                   | Thickness: 0.13 to 0.17mm; Size: 60 × 22mm                 | 1/PK     |
| 12-545K                   | Thickness: 0.13 to 0.17mm; Size: 50 × 24mm; With desiccant | 1/PK     |
| 12-545M                   | Thickness: 0.13 to 0.17mm; Size: 60 × 24mm                 | 1/PK     |
| <b>Rectangles No. 1.5</b> |  |          |
| 12-544A                   | Thickness: 0.16 to 0.19mm; Size: 30 × 22mm                 | 1/PK     |
| 12-544B                   | Thickness: 0.16 to 0.19mm; Size: 40 × 22mm                 | 1/PK     |
| 12-544C                   | Thickness: 0.16 to 0.19mm; Size: 40 × 24mm                 | 1/PK     |
| 12-544D                   | Thickness: 0.16 to 0.19mm; Size: 50 × 22mm                 | 1/PK     |
| 12-544E                   | Thickness: 0.16 to 0.19mm; Size: 50 × 24mm                 | 1/PK     |
| 12-544F                   | Thickness: 0.16 to 0.19mm; Size: 50 × 45mm                 | 1/PK     |
| 12-544G                   | Thickness: 0.16 to 0.19mm; Size: 60 × 22mm                 | 1/PK     |
| 22-266-858                | Size: 24 × 30mm  | 1/PK     |
| 22-266-882                | Size: 24 × 60mm  | 1/PK     |
| <b>Rectangles No. 2</b>   |  |          |
| 12-543A                   | Thickness: 0.17 to 0.25mm; Size: 40 × 22mm                 | 1/PK     |
| 12-543B                   | Thickness: 0.17 to 0.25mm; Size: 40 × 24mm                 | 1/PK     |
| 12-543C                   | Thickness: 0.17 to 0.25mm; Size: 50 × 22mm                 | 1/PK     |
| 12-543D                   | Thickness: 0.17 to 0.25mm; Size: 50 × 24mm                 | 1/PK     |
| 12-543E                   | Thickness: 0.17 to 0.25mm; Size: 50 × 35mm                 | 1/PK     |
| 12-543F                   | Thickness: 0.17 to 0.25mm; Size: 50 × 45mm                 | 1/PK     |
| 22-266-908                | Size: 22 × 30mm  | 1/PK     |
| 22-266-940                | Size: 24 × 30mm  | 1/PK     |
| 22-266-973                | Size: 24 × 60mm  | 1/PK     |

## Fisherbrand™ Cover Glasses: Squares

- Corrosion-resistant
- Lint-free and ready to use
- Available in squares, circles and rectangles



| Cat. No.               | Description                           | Quantity |
|------------------------|---------------------------------------|----------|
| <b>Squares No. 1</b>   |                                       |          |
| 12-542A                | Thickness: 0.13 to 0.17mm; Size: 18mm | 1/PK     |
| 12-542B                | Thickness: 0.13 to 0.17mm; Size: 22mm | 1/PK     |
| 12-542C                | Thickness: 0.13 to 0.17mm; Size: 25mm | 1/PK     |
| <b>Squares No. 1.5</b> |                                       |          |
| 12-541A                | Thickness: 0.16 to 0.19mm; Size: 18mm | 1/PK     |
| 12-541B                | Thickness: 0.16 to 0.19mm; Size: 22mm | 1/PK     |
| <b>Squares No. 2</b>   |                                       |          |
| 12-540A                | Thickness: 0.17 to 0.25mm; Size: 18mm | 1/PK     |
| 12-540B                | Thickness: 0.17 to 0.25mm; Size: 22mm | 1/PK     |
| 12-540C                | Thickness: 0.17 to 0.25mm; Size: 25mm | 1/PK     |

## Fisherbrand™ Superslip Cover Slips

- Built-in moisture resistance
- Excellent for use in humid environments



| Cat. No.               | Description       | Quantity |
|------------------------|-------------------|----------|
| <b>Size: 40 × 24mm</b> |                   |          |
| 12-545-87              | 78 per 1 oz. Pack | 1/PK     |
| <b>Size: 50 × 24mm</b> |                   |          |
| 12-545-88              | 65 per 1 oz. Pack | 1/PK     |

## Fisherfinest™ Premium Cover Glasses

- Made of crystal-clear, pure water-white glass with uniform surface quality, precise squared edge, perfect flatness and exact dimensions
- Pre-cleaned and packaged to stay clean
- Each glass is individually inspected and boxed in a molded plastic container for snugness and easy removal



| Cat. No.               | Description           | Quantity |
|------------------------|-----------------------|----------|
| <b>Size: 18 × 18mm</b> |                       |          |
| 12-548A                | In pack of 1 oz.      | 1/PK     |
| <b>Size: 22 × 22mm</b> |                       |          |
| 12-544-10              | In bulk pack of 4 oz. | 1/PK     |
| 12-548B                | In pack of 1 oz.      | 1/PK     |
| <b>Size: 25 × 25mm</b> |                       |          |
| 12-548C                | In pack of 1 oz.      | 1/PK     |
| <b>Size: 30 × 22mm</b> |                       |          |
| 12-548-5A              | In pack of 1 oz.      | 1/PK     |
| <b>Size: 30 × 24mm</b> |                       |          |
| 12-548-5G              | In pack of 1 oz.      | 1/PK     |
| <b>Size: 40 × 22mm</b> |                       |          |
| 12-548-5C              | In pack of 1 oz.      | 1/PK     |
| <b>Size: 40 × 24mm</b> |                       |          |
| 12-544-12              | In bulk pack of 4 oz. | 1/PK     |
| 12-548-5J              | In pack of 1 oz.      | 1/PK     |
| <b>Size: 50 × 24mm</b> |                       |          |
| 12-544-14              | In bulk pack of 4 oz. | 1/PK     |
| 12-548-5M              | In pack of 1 oz.      | 1/PK     |
| <b>Size: 50 × 35mm</b> |                       |          |
| 12-548-5R              | In pack of 1 oz.      | 1/PK     |
| <b>Size: 50 × 22mm</b> |                       |          |
| 12-548-5E              | In pack of 1 oz.      | 1/PK     |
| <b>Size: 60 × 24mm</b> |                       |          |
| 12-548-5P              | In pack of 1 oz.      | 1/PK     |

## Cylinders [Laboratory]

## Glass Graduated Cylinders Rated To Contain

## Kimax™ Class B Borosilicate Glass Graduated Cylinders Single Metric Scale, TC

- Demonstrate emulsion and demulsifying characteristics of oils
- Determine sedimentation values of precipitates
- Receive condensate from distillation procedures
- White scale
- Pour spout
- Hexagonal base ground flat for stability



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 08-566-15D | 100mL       | 12/CS    |
| 08-566-15G | 1000mL      | 4/CS     |
| 08-566-15H | 2000mL      | 2/CS     |

## Cylinders [Laboratory]

## Glass Graduated Cylinders Rated To Deliver

## PYREXPLUS™ Class B Cylinders with Single Metric Scale, Protective Coating

- PVC coating for longer life and safety
- Autoclavable to 121°C (250°F) moist heat or 110°C (230°F) dry heat
- Resistant to thermal shock
- White graduations
- Without bumper guards



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 08-562-10E | 500mL       | 1/EA     |

## Plastic Graduated Cylinders

## Fisherbrand™ Polypropylene Graduated Cylinders

- Translucent cylinders
- Molded-in large, easy-to-read graduations
- Large rounded base ribbed for reinforcement and stability
- Generous pour spout; 10mL size has a conical top for easier filling and pouring
- Non-wetting
- Chemical resistant
- Contact-clear



| Cat. No.  | Description                         | Quantity |
|-----------|-------------------------------------|----------|
| 03-007-38 | Capacity: 10mL; Subdivision: 0.2mL  | 1/EA     |
| 03-007-39 | Capacity: 25mL; Subdivision: 0.5mL  | 1/EA     |
| 03-007-40 | Capacity: 50mL; Subdivision: 1mL    | 1/EA     |
| 03-007-41 | Capacity: 100mL; Subdivision: 1mL   | 1/EA     |
| 03-007-44 | Capacity: 100mL; Subdivision: 10mL  | 1/EA     |
| 03-007-42 | Capacity: 250mL; Subdivision: 2mL   | 1/EA     |
| 03-007-43 | Capacity: 500mL; Subdivision: 5mL   | 1/EA     |
| 03-007-45 | Capacity: 2000mL; Subdivision: 20mL | 1/EA     |

## Decontaminants

## Nucleotide Decontaminants

## Decon™ ELIMINase™ Decontaminant

- Safe on glass, plastics, stainless steel, pipetters, gel boxes, and benchtops
- Also acts as a radioactive decontaminant
- Leaves no residue that could degrade RNA and DNA samples or interfere with subsequent enzymatic reaction
- Works instantly
- Environmentally Friendly: Item contains environmental attributes or features (e.g. water conserving, lead-free, etc.) as described in the item detail
- Recycled: Item contains recycled content as described in the item detail
- Non-toxic: Item is non-toxic



| Cat. No.  | Description       | Quantity |
|-----------|-------------------|----------|
| 04-355-31 | 8-1/2 oz. (250mL) | 1/EA     |

## Dishes

## Glass Staining Dishes

## Wheaton™ Glass 20-Slide Staining Dish with Removable Rack

- With removable rack
- Removable glass rack has a spring wire handle for manual staining of up to twenty horizontal slides
- Bottom of rack is open for rapid immersion in and draining of stain
- Holds slides measuring 3 × 1" (75 × 25mm), 3 × 1 1/2" (75 × 38mm), and 3 × 2" (75 × 51mm)
- Made from soda-lime glass



| Cat. No. | Description                             | Quantity |
|----------|---|----------|
| 08-812   | Glass staining dish with removable rack | 1/EA     |

## Plastic Petri Dishes

## Fisherbrand™ Compartmentalized Petri Dishes

- All dishes manufactured from virgin medical grade polystyrene
- All dishes sterilized using e-beam sterilization
- Convenient packaging in easy open sleeves
- 25 Sleeves/Cs.



| Cat. No.         | Description                          | Quantity |
|------------------|--------------------------------------|----------|
| <b>Bi Dish</b>   |                                      |          |
| FB08757150       | I-Plate; Stackable Lid, Raised Ridge | 600/CS   |
| <b>Quad Dish</b> |                                      |          |
| FB087582         | X-Plate; Stackable Lid, Raised Ridge | 600/CS   |
| <b>Tri Dish</b>  |                                      |          |
| FB087583         | Y-Plate; Stackable Lid, Raised Ridge | 600/CS   |

## Fisherbrand™ Petri Dishes with Clear Lid

- Made from medical-grade, gamma sterilized polystyrene
- Ventilation ribs on the lid allow for air circulation
- Manufactured in a state-of-the-art cleanroom facility
- Packaging features a UPS™ shippable outer carton to prevent damage
- Product sleeve is made from a strong polymer to prevent bag holes
- Dishes packed in easy-open product sleeve with tear notch
- Product sleeves are vacuum sealed to prevent scuffing and other damage to dishes
- Complete manufacturing traceability with use of both the lot number on the case label and the lot ID number on the product sleeve
- 25/sleeve, 500/case



| Cat. No.             | Description | Quantity |
|----------------------|-------------|----------|
| <b>Beveled ridge</b> |             |          |
| FB0875713            | 100 × 15mm  | 500/CS   |
| FB0875714G           | 95 × 15mm   | 500/CS   |
| <b>No rim</b>        |             |          |
| FB0875714            | 150 × 15mm  | 100/CS   |
| <b>Raised ridge</b>  |             |          |
| FB0875712            | 100 × 15mm  | 500/CS   |
| FB0875713A           | 60 × 15mm   | 500/CS   |

### Plastic Staining Dishes

## Simport Scientific EasyDip™ Slide Staining System

- Consists of square staining jar and a vertical slide rack (sold separately; 22-038-494)
- Vertical slide staining rack will hold up to 12 standard microscope slides
- Staining rack can be microwaved for rapid drying of slides (up to 120°C) with limitations
- Slide writing area is kept out of staining fluid
- Jars can be loosely joined to each other
- Made of acetal plastic that resists attacks by most staining agents (except phenol, iodine or ferric chloride)



| Cat. No.                | Description               | Quantity |
|-------------------------|---------------------------|----------|
| 22-038-495              | Slide staining system kit | 1/CS     |
| <b>Color: dark gray</b> |                           |          |
| 22-038-494              | 6/Cs.                     | 6/CS     |

### Dispensers

#### Glove Dispensers

## S-Curve™ Acrylic Glove Dispensers

- Ideal for ambidextrous exam gloves
- Hold one, two or three boxes of gloves



| Cat. No.                | Description                                | Quantity |
|-------------------------|--|----------|
| <b>Capacity 2 Boxes</b> |  |          |
| 11-127-47B              | 3-1/2D × 10-1/8W × 11 in.H (9 × 26 × 28cm) | 1/EA     |

### Embedding Accessories

#### Biopsy Bags

## Fisherbrand™ Nylon Biopsy Bags

- Allow unrestricted fluid movement around tissue
- Made from nylon cloth with precise mesh diameter
- Reduce cross-contamination and pressure artifacts often found with using sponges



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 15-182-500 | Small       | 1000/PK  |
| 15-182-501 | Medium      | 200/PK   |

## Thermo Scientific™ Shandon™ Nylon Biopsy Bags

- Reduce risk of small specimen loss
- Reduce reagent carryover and pressure artifact often found with sponges
- Peel-open bag conveniently exposes specimen for rapid removal
- Small Biopsy Bags measure 1.2 × 1.7" (31 × 43mm)
- Medium Biopsy Bags measure 1.8 × 2.6" (45 × 65mm)
- Large Biopsy Bags measure 3 × 3.5" (75 × 85mm)

| Cat. No.     | Description | Quantity |
|--------------|-------------|----------|
| <b>Large</b> |             |          |
| 67-740-11    | 500/Pk      | 500/CS   |

#### Biopsy Pads

## Fisherbrand™ Foam Biopsy Pads, Circular

- Use to hold samples in place and prevent them from being lost during processing
- Made from a cellular polyester urethane foam
- Samples are sandwiched between foam pads and placed in either tissue capsules or cassettes with metal or plastic lids



| Cat. No.                 | Description | Quantity |
|--------------------------|-------------|----------|
| <b>Circular foam pad</b> |             |          |
| 22-038-222               | 25 × 2mm    | 1000/PK  |
| 22-038-223               | 35 × 2mm    | 1000/PK  |

## Fisherbrand™ Foam Biopsy Pads, Rectangular

- Use to hold samples in place and prevent them from being lost during processing
- Made from a cellular polyester urethane foam
- Samples are sandwiched between foam pads and placed in either tissue capsules or cassettes with metal or plastic lids



| Cat. No.                    | Description         | Quantity |
|-----------------------------|---------------------|----------|
| <b>Rectangular foam pad</b> |                     |          |
| 22-038-221                  | 30.2L × 25W × 2mm H | 1000/PK  |

## Embedding Cassettes

## Fisherbrand™ Tissue Path™ II Cassettes

- Molded from a special high-density polymer resistant to all commonly used histological solvents
- Slanted writing surface accepts markings easily, permitting positive sample identification



| Cat. No.    | Description | Quantity |
|-------------|-------------|----------|
| 15-120-400A | Yellow      | 1500/CS  |
| 15-120-400B | Pink        | 1500/CS  |
| 15-120-400C | Green       | 1500/CS  |
| 15-120-400D | Blue        | 1500/CS  |
| 15-120-400E | White       | 1500/CS  |
| 15-120-400F | Gray        | 1500/CS  |
| 15-120-400G | Lilac       | 1500/CS  |
| 15-120-400H | Orange      | 1500/CS  |
| 15-120-400J | Aqua        | 1500/CS  |
| 15-120-400K | Tan         | 1500/CS  |
| 15-120-400L | Peach       | 1500/CS  |

## Fisherbrand™ Tissue Path™ IV Tissue Cassettes

- Unique, two-piece molded hinge ensures specimen safety and facilitates easy removal of the cassette cover from the base during the embedding procedure
- Cover and base can be disassembled and reassembled with ease
- Cassettes fit all sizes of popular base molds, metal and plastic
- Three-sided writing surface assures positive identification
- Slotted design ensures thorough and rapid exchange of processing fluids
- Resistant to solvents, decalcifying solutions, and compatible with microwave techniques



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 22-272-416 | White       | 1000/CS  |
| 22-272-417 | Blue        | 1000/CS  |
| 22-272-418 | Yellow      | 1000/CS  |
| 22-272-419 | Green       | 1000/CS  |
| 22-272-420 | Pink        | 1000/CS  |
| 22-272-421 | Tan         | 1000/CS  |
| 22-272-422 | Peach       | 1000/CS  |
| 22-272-423 | Gray        | 1000/CS  |
| 22-292-442 | Aqua        | 1000/CS  |
| 22-292-443 | Gold        | 1000/CS  |
| 22-292-444 | Lilac       | 1000/CS  |

## Fisherbrand™ TRUFLOW™ Tissue and Biopsy Cassettes

- Hold tissue and biopsy specimens during the embedding process as well as in a storage file
- Molded from a special high-density polymer that is totally resistant to histological solvents
- Efficient flow-through slots maximize fluid exchange and ensure proper drainage
- One-piece integral lid eliminates the need for separate steel lids
- Can be opened or closed as often as necessary and relocked securely without danger of specimen loss
- Large labeling areas are located on three sides of the cassette
- Anterior writing area at a 30° angle



| Cat. No.               | Description | Quantity |
|------------------------|-------------|----------|
| <b>Biopsy cassette</b> |             |          |
| 15-200-404A            | Yellow      | 1500/CS  |
| 15-200-404B            | Pink        | 1500/CS  |
| 15-200-404C            | Green       | 1500/CS  |
| 15-200-404D            | Blue        | 1500/CS  |
| 15-200-404E            | White       | 1500/CS  |
| 15-200-404F            | Gray        | 1500/CS  |
| 15-200-404G            | Lilac       | 1500/CS  |
| 15-200-404H            | Orange      | 1500/CS  |
| 15-200-404J            | Aqua        | 1500/CS  |
| 15-200-404K            | Tan         | 1500/CS  |
| 15-200-404L            | Peach       | 1500/CS  |
| <b>Tissue cassette</b> |             |          |
| 15-200-403A            | Yellow      | 1500/CS  |
| 15-200-403B            | Pink        | 1500/CS  |
| 15-200-403C            | Green       | 1500/CS  |
| 15-200-403D            | Blue        | 1500/CS  |
| 15-200-403E            | White       | 1500/CS  |
| 15-200-403F            | Gray        | 1500/CS  |
| 15-200-403G            | Lilac       | 1500/CS  |
| 15-200-403H            | Orange      | 1500/CS  |
| 15-200-403J            | Aqua        | 1500/CS  |
| 15-200-403K            | Tan         | 1500/CS  |
| 15-200-403L            | Peach       | 1500/CS  |

## Eye Protection Products

## Faceshields [Single Use]

## Fisherbrand™ Disposable Faceshields

- Polyester lens
- Treated with antifog and antistatic coating
- Headpiece is held in place by a stretch strap and includes a latex-free foam band for comfortable extended wear



| Cat. No.    | Description   | Quantity |
|-------------|---------------|----------|
| 19-181-600A | Size: Full    | 25/PK    |
| 19-181-600B | Size: Medium  | 25/PK    |
| 19-181-600C | Size: X-Large | 25/PK    |



## Lens Cleaning Supplies for Eye Protection Products

**Bel-Art™ Scienceware™ LabLens™ Lens Cleaning Solution**

- Lens cleaning solution in a 473mL (1 pint) polyethylene (PE) plastic bottle with spray pump



| Cat. No.  | Description                         | Quantity |
|-----------|-------------------------------------|----------|
| 11-999-30 | Lens Cleaning Solution, Size: 1 pt. | 1/EA     |

## Safety Goggles

**Fisherbrand™ Chemical Splash Goggles**

- Built for comfortable protection with a soft, flexible PVC body that conforms to facial contours
- Large frames fit over most prescription eyewear
- Coated, clear polycarbonate lens resists impact, scratching, and fogging
- Headstrap easily adjusts for a custom fit



| Cat. No.                                     | Description                         | Quantity |
|--|-------------------------------------|----------|
| <i>Chemical Splash goggles</i><br>19-181-504 | Lens w/antifog, antiscratch coating | 1/EA     |

## Safety Spectacles [General Purpose]

**Fisherbrand™ 200 Series Spectacles**

- One-piece lens provides a full and unobstructed field of vision
- Absorbs >99.9% of harmful UV light
- Molded-in sideshields and browguards
- Adjustable spatula temples



| Cat. No.                          | Description | Quantity |
|-----------------------------------|-------------|----------|
| <i>Black frame</i><br>19-130-2088 | 12/Pk.      | 12/PK    |
| <i>Blue frame</i><br>19-130-2089  | 12/Pk.      | 12/PK    |

## Film and Foil Wrapping

**Curwood Parafilm M™ Laboratory Wrapping Film**

- Waterproof, moisture-proof film prevents sample evaporation, contamination; protects anhydrous materials
- Can be folded repeatedly and twisted around sharp surface without rupturing
- Increases approximately 200% when stretched lengthwise at 21°C (70°F)
- Partially returns to original length when tension is removed
- Becomes more flexible and softer as temperature increases
- Rolls are interlined with paper to prevent adhering



| Cat. No.  | Description                      | Quantity |
|-----------|----------------------------------|----------|
| 13-374-12 | 4 in. W × 250 ft. L (10cm × 76m) | 1/EA     |

**Fisherbrand™ Aluminum Foil****Rolls:**

- Packed in individual dispenser box with cutter bar
- Heavy-gauge rolls (0.024mm thick) offer greater folding strength, good for covering sharp edges

**Sheets:**

| Cat. No.                                 | Description                                      | Quantity |
|--|--|----------|
| <i>Standard-gauge roll</i><br>01-213-101 | Width: 12 in. (30.4cm); Length: 200 ft. (60.96m) | 1/EA     |

## Filtration Products

## Centrifugal Filter Devices

**Fisherbrand™ Double Cytology Funnel with White Filter Cards**

- Functional equivalent of the Shandon Double Cytofunnel™
- Fully compatible with Shandon CytoSpin Centrifuge
- White filter card is pre-attached and is designed for single use only
- Funnel sealing caps included
- For sample volumes of up to 0.25mL or less
- Provides two deposition areas on each slide



| Cat. No.                       | Description | Quantity |
|--------------------------------|-------------|----------|
| <i>Double funnel</i><br>10-353 | 500/Cs.     | 500/CS   |
| 10-356                         | 10/Cs.      | 25/PK    |

**Fisherbrand™ Single Cytology Funnel**

- Functional equivalent of the Shandon Single Cytofunnel™
- Fully compatible with Shandon CytoSpin Centrifuge
- White Filter Card is pre-attached and is designed for single-use only
- Brown Filter Card for slower absorption of sparse samples — ideal for CSF
- For sample volumes of up to 0.4mL or less
- Provides consistent and homogeneous cell deposition area of 6mm



| Cat. No.  | Description    | Quantity |
|---|----------------|----------|
| <i>For volumes up to 0.25mL or less</i><br>10-358 | 500/Pk.        | 50/PK    |
| <i>For volumes up to 0.4mL or less</i><br>10-354  | 10/Cs.; 50/Pk. | 50/PK    |
| 10-355  | 500/Cs.        | 500/CS   |

## Thermo Scientific™ Shandon™ Double Cytofunnel™

- Optimize cell yield
- Reduces the risk of exposure to pathogenic samples
- Disposable to eliminate time-consuming decontamination and cleaning
- Decrease the possibility of cross-contamination
- Eliminates the need for metal Thermo Scientific Shandon Cytoclips™
- Reduces preparation time
- Funnel markings corresponds to slide markings for simple identification
- Pre-attached filter card



| Cat. No.  | Description | Quantity |
|-----------|-------------|----------|
| 59-910-39 | 25/Box      | 25/CS    |

### Filter Units

## Thermo Scientific™ Nalgene™ MF75™ Series Disposable Sterilization Filter Units

White 50 and 75mm diameter cellulose nitrate (CN) membranes

- CN general-purpose membrane
- Ergonomic shape
- All-in-one filter
- 75mm diameter membranes yield faster flows
- Top and bottom chambers made of clear polystyrene
- Nonpyrogenic
- Gamma radiation sterilized
- Pore size, membrane type, catalog number, lot number and expiration date are printed on units
- Green color-coded collar (except 115mL sizes)
- Filter units 09-740, 09-740-5 and -10 feature a porous support plate; all others have a padless support plate to minimize foaming of proteinaceous solutions
- Models 09-740-36K and -36L have low profile design for extra stability



| Cat. No.      | Description   | Quantity |
|---------------|---|----------|
| <b>1000mL</b> |   |          |
| 09-740-3B     | Pore Size: 0.45um; Membrane: 75mm; Color/Grid: White/Black Grid | 12/CS    |

### Qualitative Filter Paper

## Whatman™ Qualitative Filter Papers: Grade 1 Sheets



| Cat. No.              | Description                           | Quantity |
|-----------------------|---------------------------------------|----------|
| <b>Grade 1 sheets</b> |                                       |          |
| 09-927-824            | Pore size: 11um; 600 x 600mm; 100/PK. | 100/PK   |

## Whatman™ Qualitative Grade Plain Circles - Grade 1

- Particle Retention: >11µm
- Porosity: medium
- Filtration speed†: ASTM™, 40 sec.; Herzberg, 150 sec.
- Surface: smooth



| Cat. No.       | Description | Quantity |
|----------------|-------------|----------|
| <b>Circles</b> |             |          |
| 09-805C        | 7cm dia.    | 100/PK   |
| 09-805P        | 3cm dia.    | 100/PK   |

## Whatman™ Qualitative Grade Plain Circles and Sheets - Grade 3

- Suitable for suction filtration
- Highly absorbent
- Particle retention: >6µm
- Porosity: Medium fine
- Filtration speed†: ASTM\*, 90 sec.; Herzberg, 325 sec.
- Surface: Smooth, grained



| Cat. No.       | Description     | Quantity |
|----------------|-----------------|----------|
| <b>Circles</b> |                 |          |
| 09-820H        | Diameter: 5.5cm | 100/PK   |

### First Aid Kits and Stations

## North Bulk First Aid Kits

- Contain economical bulk supplies that can be readily accessed when needed
- Kits are ideal for manufacturing settings where a wide variety of first aid items are required
- Latex-free
- Weatherproof
- Supplies housed in waterproof metal or plastic case



| Cat. No.              | Description             | Quantity |
|-----------------------|-------------------------|----------|
| <b>25-person size</b> |                         |          |
| 19-130-2486           | Metal case              | 1/EA     |
| 19-130-2485           | Plastic, 25 person size | 1/EA     |

### Flasks

#### Glass Erlenmeyer Flasks

## Fisherbrand™ Reusable Glass Narrow-Mouth Erlenmeyer Flasks

- Reinforced top tooled with a rounded finish
- Thick-walled body
- Long, tapered outside countour minimizes chipping
- White ceramic enamel marking spot



| Cat. No.           | Description                                      | Quantity |
|--------------------|--|----------|
| <b>Glass flask</b> |  |          |
| FB-500-500         | Capacity: 500mL; Subdiv.: 50mL; Stopper number 7 | 6/PK     |

## Fisherbrand™ Reusable Glass Wide-Mouth Erlenmeyer Flasks

- Sturdy borosilicate glass construction
- Heavy-duty, tooled-top finish
- Capacity scale measures approximate volume
- Matte-finish ceramic marking spot takes writing and erases easily



| Cat. No.      | Description                                | Quantity |
|---------------|--|----------|
| <b>1000mL</b> |  |          |
| FB-501-1000   | Graduated 250 to 1000mL; Stopper number 11 | 6/PK     |
| <b>500mL</b>  |  |          |
| FB-501-500    | Graduated 100 to 500mL; Stopper number 10  | 6/PK     |

### Floor Coverings

#### Controlled Environments Matting

## PIP™ CleanTeam™ 30-Layer Contamination Control Mats

- Multi-layered construction (0.050mm per layer)
- Adhesive coating
- Numbered tabs
- 30-layer configuration



| Cat. No.        | Description                 | Quantity |
|-----------------|-----------------------------|----------|
| <b>30-layer</b> |                             |          |
| 19-122-826      | Blue; 24L x 36 in. W; 8/Cs. | 8/CS     |

### Forceps and Tweezers

## Excelta™ Precision Tweezers With Straight Strong Medium Tips



| Cat. No.                 | Description  | Quantity |
|--------------------------|--|----------|
| <b>General Precision</b> |  |          |
| 17-456-019               | Antimagnetic SS; Design: 00; Medium tips w/straight strong points; L: 11.4cm | 1/EA     |

### Gloves

#### Latex Chemical Resistant Gloves

## Safety Choice™ Natural Rubber Latex Gloves

- Provide resistance to acids, alkalis, alcohols, salts, ketones and animal fats
- Recessed diamond texturing provides better gripping in slippery applications
- Provides increased comfort and ease of donning
- Ideal for food processing, electronics, laboratory, assembly and maintenance uses



| Cat. No.           | Description                 | Quantity |
|--------------------|-----------------------------|----------|
| <b>Flock-lined</b> |                             |          |
| 19-816-826         | 19mil thick; Yellow; Medium | 12/DZ    |

### Latex Thin Wall Examination Gloves

## Fisherbrand™ Powdered and Powder-Free Latex Exam Gloves

- Made of surgical-quality natural rubber latex
- Puncture- and tear-resistant with textured fingers
- Beaded cuff promotes easy donning
- Powdered gloves have a smooth finish and are lightly dusted with USP absorbable dusting powder
- Powder-free gloves are fully textured for excellent gripping power
- Ambidextrous, nonsterile, single-use
- Length: 9.5 in. (24cm)
- Thickness: 5mil
- White
- 510K approved for medical use



| Cat. No.           | Description | Quantity |
|--------------------|-------------|----------|
| <b>Powdered</b>    |             |          |
| 11-394-4A          | Small       | 100/PK   |
| 11-394-4AA         | X-Small     | 100/PK   |
| 11-394-4B          | Medium      | 100/PK   |
| 11-394-4C          | Large       | 100/PK   |
| 11-394-4D          | X-Large     | 100/PK   |
| <b>Powder-free</b> |             |          |
| 11-394-5A          | Small       | 100/PK   |
| 11-394-5B          | Medium      | 100/PK   |
| 11-394-5C          | Large       | 100/PK   |
| 11-394-5D          | X-Large     | 100/PK   |

## Safety Choice™ Economical Powder-Free Latex Exam Gloves

- Beaded cuffs provide tear resistance and ease of donning
- Powder free to reduce the drying effects on skin and powder-related transfer of latex protein
- Ambidextrous, single-use
- Length: 9.5 in. (24.1cm)
- Thickness: 5mil
- Natural color



| Cat. No.    | Description | Quantity |
|-------------|-------------|----------|
| 19-058-801A | X-Small     | 100/PK   |
| 19-058-801B | Small       | 100/PK   |
| 19-058-801C | Medium      | 100/PK   |
| 19-058-801D | Large       | 100/PK   |
| 19-058-801E | X-Large     | 100/PK   |

Nitrile Thin Wall Examination Gloves

### Fisherbrand™ Comfort Nitrile Exam Gloves

- Powder-free, latex-free
- Exceptional fit, feel and durability
- Ambidextrous with textured fingers and beaded cuff
- Nonsterile
- Length: 9.5" (24cm)
- Thickness: 3mil (palm)
- Color: Periwinkle blue



| Cat. No.    | Description | Quantity |
|-------------|-------------|----------|
| 19-041-171A | X-Small     | 200/PK   |
| 19-041-171B | Small       | 200/PK   |
| 19-041-171C | Medium      | 200/PK   |
| 19-041-171D | Large       | 200/PK   |
| 19-041-171E | X-Large     | 200/PK   |

### Fisherbrand™ Powder-Free Nitrile Exam Gloves

- Provide superior fit, comfort, tactile sensitivity and dexterity
- Contain no latex proteins that can cause allergic reactions
- Textured surface for solid grip in wet or dry conditions
- Length: 9.5 in.
- Thickness: 4.0mil



| Cat. No.     | Description | Quantity |
|--------------|-------------|----------|
| 19-130-1597A | X-Small     | 100/PK   |
| 19-130-1597B | Small       | 100/PK   |
| 19-130-1597C | Medium      | 100/PK   |
| 19-130-1597D | Large       | 100/PK   |
| 19-130-1597E | X-Large     | 100/PK   |
| 19-130-1597F | XX-Large    | 100/PK   |

### Fisherbrand™ Powder-Free Nitrile Exam Gloves with Aloe

- Unique, 100% latex-free, odor-free synthetic formulation reduces hand fatigue
- Textured surface for superior grip
- Nonsterile, ambidextrous
- Length: 9.5 in. (24.1cm)
- Thickness: 5.6mil
- Green



| Cat. No.    | Description | Quantity |
|-------------|-------------|----------|
| 19-050-550A | Small       | 100/PK   |
| 19-050-550B | Medium      | 100/PK   |
| 19-050-550C | Large       | 100/PK   |
| 19-050-550D | X-large     | 100/PK   |

### Kimberly-Clark™ Sterling™ Nitrile Exam Gloves

- Powder-free
- Nonsterile
- Static dissipative
- Textured fingertips
- Beaded cuff
- Feature 50% more gloves per case
- 33% more storage space
- Ambidextrous
- Length: Available in 9.5 or 12 in.
- Thickness: 3.5mil
- Sterling (gray/silver)
- Environmentally friendly: Item contains environmental attributes or features (e.g. water conserving, lead-free, etc.) as described in the item detail



| Cat. No.               | Description     | Quantity |
|------------------------|-----------------|----------|
| <i>Length: 9.5 in.</i> |                 |          |
| 19-048-132             | Small; 200/Pk.  | 200/PK   |
| 19-048-133             | Medium; 200/Pk. | 200/PK   |
| 19-048-134             | Large; 200/Pk.  | 200/PK   |

Special Material Chemical Resistant Gloves

### Best™ Glove Chem Master™ Neoprene/Natural Rubber Gloves

- Flexible and tactile-sensitive for easy donning and doffing
- Offer good resistance to abrasion, tear, and puncture
- Black-over-blue wear-indicator construction provides additional safety
- 100% cotton flock lining enhances worker comfort
- Length: 12" (30.5cm)
- Thickness: 26mil



| Cat. No.    | Description      | Quantity |
|-------------|------------------|----------|
| 11-394-114C | Size: Large 9    | 12/DZ    |
| 11-394-114D | Size: X-Large 10 | 12/DZ    |

Hot and Cold Packs

### ThermoSafe™ PolarPack™ Foam Bricks

- Available in a broad selection of styles and sizes
- Maintain temperature for an extended time
- Never change shape while in transit
- Freeze at 0°C (32°F)
- Nontoxic



| Cat. No.                            | Description    | Quantity |
|-------------------------------------|----------------|----------|
| <i>4-1/2 x 4 x 3/4 in.</i>          |                |          |
| 03-530-010                          | 7 oz.          | 72/CS    |
| <i>L x W x D: 4.5 x 4 x 1.5 in.</i> |                |          |
| 03-530-011                          | Weight: 15 oz. | 36/CS    |

## Immersion Oil

## Cargille Immersion Oil

- Formulated to give refractive index of  $1.5150 \pm 0.0002$  for D line at  $23^{\circ}\text{C}$  ( $73^{\circ}\text{F}$ )
- Nondrying, so index will not change when exposed to air
- Contains no polychlorinated biphenyl (PCB) compounds
- Conforms to ISO 8036/1 specifications
- Standard for all oil-immersion microscopy



| Cat. No.  | Description                                      | Quantity |
|---|--|----------|
| <b>Viscosity: high, 1250cSt +/-10% at 23deg.C</b> |  |          |
| 12-369B   | Density: 0.923g/cc; Quantity: 16 fl. oz. (473mL) | 1/EA     |
| 12-370B   | Density: 0.923g/cc; Quantity: 4 fl. oz. (118mL)  | 1/EA     |
| <b>Viscosity: low, 150cSt +/-10% at 23deg.C</b>   |  |          |
| 12-370A   | Density: 0.923g/cc; Quantity: 4 fl. oz. (118mL)  | 1/EA     |

## Knives and Knife Blades

## Blades

## Graham Field Stainless-Steel Blades for Dissecting Knife Handles

- Surgical quality
- Sterile
- Individually foil-wrapped



| Cat. No.              | Description               | Quantity |
|-----------------------|---------------------------|----------|
| <b>Blade size: 10</b> |                           |          |
| 08-916-5A             | Length: 1.562 in. (4cm)   | 100/PK   |
| <b>Blade size: 11</b> |                           |          |
| 08-916-5B             | Length: 1.562 in. (4cm)   | 100/PK   |
| <b>Blade size: 12</b> |                           |          |
| 08-916-5C             | Length: 1.375 in. (3.5cm) | 100/PK   |
| <b>Blade size: 15</b> |                           |          |
| 08-916-5D             | Length: 1.375 in. (3.5cm) | 100/PK   |
| <b>Blade size: 20</b> |                           |          |
| 08-918-5A             | Length: 1.562 in. (4cm)   | 100/PK   |
| <b>Blade size: 21</b> |                           |          |
| 08-918-5B             | Length: 1.562 in. (4cm)   | 100/PK   |
| <b>Blade size: 22</b> |                           |          |
| 08-918-5C             | Length: 1.375 in. (3.5cm) | 100/PK   |
| <b>Blade size: 23</b> |                           |          |
| 08-918-5D             | Length: 1.375 in. (3.5cm) | 100/PK   |

## Scalpels

## Graham Field Single-Use Scalpels

- Stainless-steel blade attached to plastic handle
- Sterile, individually packaged
- Plastic guard protects cutting edge and prevents package puncture



| Cat. No.  | Description            | Quantity |
|-----------|------------------------|----------|
| 08-927-5A | Includes Blade No.: 10 | 20/PK    |
| 08-927-5B | Includes Blade No.: 11 | 20/PK    |
| 08-927-5C | Includes Blade No.: 15 | 20/PK    |
| 08-927-5D | Includes Blade No.: 21 | 20/PK    |

## Lancing Devices

## Fingerstick Lancing Devices

## HTL Strefa Acti-Lance Safety Lancets

## Gentle

- Precisely electro-polished and silicone-coated needle is linearly driven to assure less pain and quicker healing



## Sterile

- Lancet needle is gamma-sterilized and fully covered with sterility-protecting tab

## Reliable

- Risk of misuse or re-use is eliminated through unique, self-destructing activation mechanism

## Efficient

- Adequate blood sample with a single push of the button

| Cat. No.                          | Description | Quantity |
|-----------------------------------|-------------|----------|
| <b>Lite, 28 gauge, 1.5mm</b>      |             |          |
| 22-192-005                        | 200/Pk.     | 200/PK   |
| 22-192-008                        | 100/Pk.     | 100/PK   |
| <b>Special, 17 gauge, 2.0mm</b>   |             |          |
| 22-192-007                        | 200/Pk.     | 200/PK   |
| 22-192-010                        | 100/Pk.     | 100/PK   |
| <b>Universal, 23 gauge, 1.8mm</b> |             |          |
| 22-192-006                        | 200/Pk.     | 200/PK   |
| 22-192-009                        | 100/Pk.     | 100/PK   |

## HTL Strefa Medlance™ Safety Lancets

## Gentle

- Ultra-sharp needle optimally positioned during skin penetration
- Linear needle tracking eliminates vibrations to reduce pain and prevent tissue damage
- Low triggering force ensures gentle and comfortable contact with puncture site



## Easy

- Ergonomically shaped safety lancet with reliable contact activation mechanism
- Does not require pre-loading, for very simple blood sampling

## Safe

- Single-use, self-destructing device which cannot be reloaded
- Needle is concealed before and just after use, preventing sharps injuries
- Sterilized with 25 kGy gamma irradiation for safety

## Efficient

- "Technique-independent" design ensures adequate blood flow at minimum pain level

| Cat. No.   | Description             | Quantity |
|------------|-------------------------|----------|
| 22-192-001 | Lite: 25 ga, 1.5mm      | 200/PK   |
| 22-192-002 | Universal, 21 ga, 1.8mm | 200/PK   |
| 22-192-003 | Extra: 21 ga, 2.4mm     | 200/PK   |
| 22-192-004 | Special: 0.8 ga, 2.0mm  | 200/PK   |
| 22-192-011 | SuperLite: 30 ga, 1.2mm | 200/PK   |

## Owen Mumford™ Unistik™ 3 Safety Lancets

- Preset and ready for use; simply twist off protective sterile cap and take sample
- Needle point is hidden before use and automatically retracts after use to avoid accidental needlestick injuries and cross-infection
- Have an additional visual lockout feature; should an attempt be made to misuse the device, there is a clear indication to the operator that the device has been used and should be disposed of in a suitable sharps container



| Cat. No.        | Description     | Quantity |
|-----------------|-----------------|----------|
| <i>23-gauge</i> |                 |          |
| 22-029-33       | Yellow; 200/Pk. | 200/PK   |

## Owen Mumford™ Unistik™ 3 Single-Use Safety Lancets

- Requires no cocking procedure – just twist off protective sterile cap and use
- Convex platform requires less technique and training for use
- Ergonomically designed with special indentions on each side for finger placement
- Needle point is hidden before use and automatically retracts after use to avoid accidental needlestick injuries and cross-infection
- Rendered inoperable after use, providing highest level of safety for healthcare workers and patients and meeting OSHA standards
- Visual lockout feature clearly indicates that device has been used and is ready for disposal in a sharps container
- High-flow volume suitable for cholesterol, hemoglobin and cardiac enzyme testing



| Cat. No.        | Description      | Quantity |
|-----------------|------------------|----------|
| <i>21-gauge</i> |                  |          |
| 22-023-382      | Orange; 200/Pack | 200/PK   |

### Mailing and Shipping Products

## Fisherbrand™ Five-Slide Mailer

- Holds up to five standard 3 × 1" or 75 × 25mm slides
- Slotted channels inside mailer keep slides safely separated
- Snap top ensures secure closure



| Cat. No. | Description       | Quantity |
|----------|-------------------|----------|
| HS15986  | Five-slide mailer | 25/PK    |

## Fisherbrand™ Infecon™ 3000 Infectious Substance Shipper

- Each shipper consists of a transparent pressure vessel able to withstand up to 95kPa, cushioning materials, outer box, labels, declarations and instructions
- Transparent pressure vessel allows contents to be seen
- Use the Infecon 3000 with the Speci-Freez™ Insulated Shipper (19-075-384C) for refrigerated or frozen specimens



| Cat. No.    | Description                                 | Quantity |
|-------------|---|----------|
| 19-037-436  | Infectious substance shipper                | 12/PK    |
| 19-037-437  | Refurbishment                               | 12/PK    |
| 19-038-300A | Bubble wrap and absorbent strips            | 15/CS    |
| 19-038-300B | Compartmental bubble pouch absorbent strips | 36/CS    |
| 19-038-300C | Transparent vessel                          | 6/CS     |

## Fisherbrand™ Speci-Freez™ Insulated Shipper

- For shipping infectious substances or diagnostic specimens that need to be shipped on dry ice
- Durable, lightweight
- Holds approximately 22 lb. (10kg) of dry ice, keeping contents frozen for up to 76 hours



| Cat. No.    | Description           | Quantity |
|-------------|-----------------------|----------|
| 19-075-384C | Insulated shipper kit | 4/CS     |

## Fisherbrand™ Top-Opening Five-Slide Plastic Microscope Slide Mailer and Transporter

- Holds up to five 3 × 1" (75 × 25mm) slides
- Ribbed partitions keep slides apart
- Slides not included



| Cat. No.                 | Description                                     | Quantity |
|--------------------------|---|----------|
| <i>Five-slide holder</i> |   |          |
| 12-587-17B               | Top opening; Holds 3 × 1 in. (75 × 25mm) slides | 200/CS   |

## Therapak™ EPS (Expanded Polystyrene) Insulated Shippers

- Ideal insulated shippers for reference laboratories, pharmaceutical companies, hospitals and clinical testing laboratories who ship and receive temperature sensitive specimens
- Wall thickness insulation ranges from 1 to 2" depending on cooler



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 22-130-320 | Large       | 2/CS     |
| 22-130-321 | Medium      | 4/CS     |
| 22-130-407 | Small       | 8/CS     |
| 22-130-415 | X-Small     | 12/CS    |

## Membranes for Hybridization and Transfer

## Whatman™ Grade GB005 Blotting Paper

- Pure cellulose—produced from the highest quality cotton linters with no additives to ensure that no contamination will occur during transfers
- Manufactured and tested specifically for blotting applications
- Thickness: 1.5mm
- Ideal for applications where fewer layers of blotting paper, which reduce the risk of trapping air bubbles, must still ensure a high capacity
- Precisely cut to the most common gel and transfer membrane sizes, eliminating sheet-to-sheet variation



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 09-301-197 | 15 x 15cm   | 25/PK    |

## Microplate Covers

## Microplate Sealing Films and Tapes

## Applied Biosystems™ MicroAmp™ Optical Adhesive Film

- Pressure-sensitive adhesive provides a tight seal over every well
- Will not interfere with sample reading
- Press-N-Seal: Align properly to the plate, then press to seal
- Easy to apply—will not stick to your glove



## Prevent loss of precious samples

- Use this optically clear adhesive film to seal samples into wells of a microplate to reduce the possibility of cross-contamination between sample wells and help ensure consistent Real-Time PCR data

## Easy to use

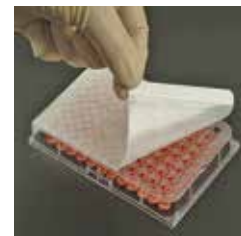
- Simply peel the backing away from the adhesive film and apply firmly across the top of the microplate. Stack microplates and read samples as usual with less chance of sample contamination

| Cat. No.  | Description        | Quantity |
|-----------|--------------------|----------|
| 43-119-71 | 100 covers optical | 1/EA     |

## Axygen™ Microplate Sealing Film and Tapes

## Breathable

- Allow effective gas exchange for cellular and bacterial cultivation — while preventing contamination
- Seal polypropylene and polystyrene culture plates, 96- and 384-well plates including other assay plates



## Aluminum

- Provides exceptional seal on multi-well plates with varied temperatures and reagents
- With compression mats, films and tapes seal during thermocycling
- Ideal for light-sensitive samples and its uniformly applied adhesive provides optimum well sealing
- Pierceable, PCR-AS-200

## CyclerSeal

- Exceptional seal across entire plate safeguards samples during transport or storage
- When used with Axygen's compression mat, this polyester film eliminates well-to-well contamination and cross-over in PCR applications

## AxySeal

- Polyester-based with uniformly and consistently applied acrylic adhesive to eliminate the edge effect in sensitive ELISA assays
- Suitable for sealing tissue culture plates, short-term storage and incubation, transport and the containment of biohazardous solutions
- Available in both nonsterile and sterile packaging

| Cat. No.                    | Description                         | Quantity |
|-----------------------------|-------------------------------------|----------|
| <i>AxySeal sealing film</i> |                                     |          |
| 14-222-344                  | For polystyrene microplate; 500/Cs. | 100/PK   |

## Fisherbrand™ Adhesive Plate Seals

- Seals most plates
- Rated from -40 to ±125°C
- Polypropylene



| Cat. No.   | Description          | Quantity |
|------------|----------------------|----------|
| 08-408-240 | For PCR applications | 100/CS   |

## Thermo Scientific™ Adhesive PCR Film

Thermo Scientific Adhesive PCR Plate Seals are a reliable method of sealing plates for PCR applications. The high integrity sealing materials give the best protection against evaporation for high efficiency PCR.



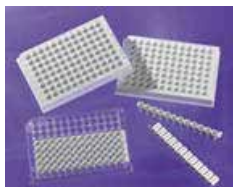
### Highlights

- Clear for sample inspection
- Strong adhesive prevents evaporation during thermal cycling or sample storage
- No sticky residue on the plate when the seal is peeled off
- End tabs for easy seal application and removal
- Recommended for use in conjunction with a cycler that has a screw-down or clip-down lid
- Temperature range: -20°C to 120°C

| Cat. No.        | Description | Quantity |
|-----------------|-------------|----------|
| <i>PCR Film</i> |             |          |
| AB0558          | 100 Sheets  | 100/PK   |

## Thermo Scientific™ Microtiter™ Plate Sealer

- Protect your well contents in a temperature range of -32°C to 93°C with Thermo Scientific™ Microtiter™ Plate Sealer.



| Cat. No.  | Description | Quantity |
|-----------|-------------|----------|
| 14-245-18 | Acetate     | 100/PK   |

### Microplates

#### 048 Well Genomic Microplates

## BrandTech™ White Real-Time PCR (qPCR) 48-Well Microplate

| Cat. No.     | Description       | Quantity |
|--------------|-------------------|----------|
| <i>White</i> |                   |          |
| 13-878-204   | Nonskirted; 0.2mL | 20/PK    |

#### 096 Well Genomic Microplates

## Applied Biosystems™ MicroAmp™ Fast Optical 96-Well Reaction Plate, 0.1mL

- Integral component of Applied Biosystems Fast PCR System
- Maximum thermal conductivity for precise thermal cycling
- Reproducible, specific, and sensitive PCR results in just 25 minutes
- Validated with other system components for consistent results
- Each reaction plate includes unique serialized, eight character number label (barcode) that is user-readable and machine-readable to prevent tracking errors
- Increased thermal contact for faster, more uniform heating
- Advanced design dramatically increases its thermal contact with Applied Biosystems Veriti™ 96-Well Fast Thermal Cycler
- Consistent well-to-well thickness helps all samples cycle through PCR process uniformly



| Cat. No.  | Description | Quantity |
|-----------|-------------|----------|
| 43-469-06 | 20 plates   | 1/EA     |

## Axygen™ 96-well Full-Skirted PCR Microplates

- Sealing options: Axymats, heat sealing, adhesive films and foils, flat and domed cap strips
- Max. RCF: 4000 x g
- Single notch corner



| Cat. No.   | Description       | Quantity |
|------------|-------------------|----------|
| 14-222-327 | Clear, sterilized | 10/PK    |



## Thermo Scientific™ ABgene™ Thermo-Fast™ 96 PCR Detection Plate MKIII

The Thermo Scientific 96-Well Semi-Skirted, Fast Block, Barcoded Plates is compatible with all ABI Fast block machines, including Life Technologies PCR and qPCR thermal cyclers. These plates feature a raised deck to prevent spills and a cut corner at the A1 location.



The 96-Well Semi-Skirted, Fast Block, Barcoded Plates are available in white plates for qPCR applications and have clear wells for maximum sample visibility.

### Highlights

- Directly compatible with all Applied Biosystems thermal cycler fast blocks with no adapters necessary
- Raised deck of plate to aid in spill prevention
- 0.1 mL maximum well volume (when used with adhesive and heat seals)
- Clear well for sample visibility
- Uniform, thin well walls deliver maximum and consistent heat transfer
- White plates are optimized for qPCR by increasing sensitivity and reducing variability in fluorescence detection
- Cut Corner: A1

### Applications

- PCR
- qPCR/Real-Time PCR

The barcodes are the industry standard code 128. The label itself can withstand temperatures from -196°C up to 120°C to ensure that the barcodes stay on the plate throughout your entire workflow. It also has a special coating to virtually eliminate any 'rubbing off' of the code during handling. The dual barcodes are located on the opposite numeric and opposite alpha sides of the plate.

| Cat. No. | Description | Quantity |
|----------|-------------|----------|
| AB-1900  | Clear       | 25/PK    |

### Microscope Slides

### Diagnostic Printed Slides

## Fisherbrand™ Ringed Cytology Slides

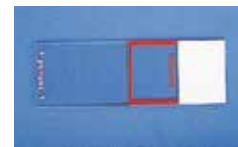
- Fully compatible with Fisherbrand and Thermo Scientific™ Shandon™ Cytology Funnels
- Available with single or double rings, with or without adhesive coating



| Cat. No.   | Description               | Quantity |
|------------|---------------------------|----------|
| 22-037-240 | Single ring               | 144/PK   |
| 22-037-241 | Single ring with adhesive | 144/PK   |
| 22-037-242 | Double ring               | 144/PK   |
| 22-037-243 | Double ring with adhesive | 144/PK   |

## Fisherbrand™ Staining Control Slides

- Red box on the slide identifies the control tissue
- Frosted area provides a positive marking spot
- Superfrost™ Plus treatment secures tissue to the slide throughout the staining process



| Cat. No.                       | Description                 | Quantity |
|--------------------------------|-----------------------------|----------|
| 22-035-819                     | For manual staining methods | 144/PK   |
| 22-042-910                     | For automatic stainers      | 144/PK   |
| <i>w/Extended frosted area</i> |                             |          |
| 12-518-105                     | For automatic stainers      | 144/PK   |

### Microscope Slides [Glass] [Adhesion]

## Fisher Scientific™ Tissue Path Superfrost™ Plus Gold Slides

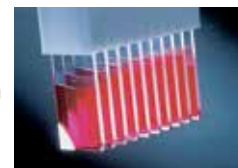
- Made with a revolutionary, new adhesive technology
- Attract and chemically bond fresh or formalin-fixed frozen tissue sections firmly to the slide surface
- Ideal for special stains, immunocytochemical and in situ DNA hybridization techniques when applied to fixed or frozen tissue sections
- Compatible with both toluidine blue and hematoxylin and eosin rapid frozen section stains



| Cat. No.   | Description             | Quantity |
|------------|-------------------------|----------|
| 15-188-48  | Bulk pack of 144        | 144/PK   |
| 22-035-813 | Pack of 25 in slide box | 25/PK    |

## FisherBiotech™ ProbeOn™ and ProbeOn Plus™ Slides

- Easily accommodate 5µm thick control and sample sections
- Slides measure 1 × 3" (25 × 75mm) and are 1mm thick
- ProbeOn Plus slides are enhanced for superior tissue adherence—eliminating the need for water bath additives or polylysine pretreatment



| Cat. No.   | Description    | Quantity |
|------------|----------------|----------|
| 15-188-51  | ProbeOn Slides | 144/PK   |
| 22-230-900 | Gray tab       | 144/PK   |

## Fisherbrand™ ColorFrost™ Plus Microscope Slides

- Treatment virtually eliminates tissue loss during staining; saves hours of slide preparation
- Colored marking surface for easy identification throughout procedures
- Size: 25 × 75mm



| Cat. No.               | Description                   | Quantity |
|------------------------|-------------------------------|----------|
| <b>ColorFrost Plus</b> |                               |          |
| 12-550-17              | Blue                          | 144/GR   |
| 12-550-18              | Green                         | 144/GR   |
| 12-550-19              | Pink                          | 144/GR   |
| 12-550-20              | Yellow                        | 144/GR   |
| 22-230-890             | Aqua                          | 144/PK   |
| 22-230-891             | Gold; Size: 75 × 25mm         | 144/PK   |
| 22-230-892             | Burnt Orange; Size: 75 × 25mm | 144/PK   |
| <b>Superfrost Plus</b> |                               |          |
| 12-550-16              | Lilac; Size: 75 × 25mm        | 144/PK   |
| 12-550-16A             | Tan; Size: 75 × 25mm          | 144/PK   |

## Fisherbrand™ Superfrost™ Plus Microscope Slides

- Treatment virtually eliminates tissue loss during staining; saves hours of slide preparation
- Chemical-resistant white marking surface
- Size: 25 × 75mm



| Cat. No.               | Description              | Quantity |
|------------------------|--------------------------|----------|
| 22-037-246             | Superfrost Plus Adhesion | 144/PK   |
| <b>Superfrost Plus</b> |                          |          |
| 12-550-15              | White                    | 144/PK   |

## Fisherbrand™ Superfrost™ Plus Stain Slides

- Eliminate background staining in standard H and E stains



| Cat. No.               | Description | Quantity |
|------------------------|-------------|----------|
| <b>Superfrost Plus</b> |             |          |
| 22-034-979             | White       | 144/PK   |

### Microscope Slides [Glass] [Coated]

## Fisherbrand™ Polysine™ Adhesion Slide

- Permanent bio-adhesive material eliminates need for extra adhesive or coating techniques
- Not affected by chemicals, predigestion or heating
- Binds specimen to the slide throughout processing
- High purity, corrosion-resistant white glass adhesion slide
- Size: 25 × 75mm



| Cat. No.  | Description | Quantity |
|-----------|-------------|----------|
| 12-545-78 | 25 × 75mm   | 144/PK   |

### Microscope Slides [Glass] [Uncoated]

## Fisherbrand™ Bev-L-Edge™ Slides

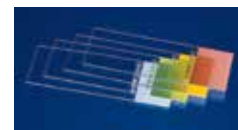
- For smoother, more uniform blood smears, draw beveled edge across a smeared slide at a 45° angle
- Frosted slides are frosted on both sides at one end



| Cat. No. | Description    | Quantity |
|----------|----------------|----------|
| 12-549-5 | Plain slides   | 144/GR   |
| 12-549-6 | Frosted slides | 72/PK    |

## Fisherbrand™ ColorFrost™ Disposable Microscope Slides

- Plain corners
- Same properties as Superfrost™, including chemical resistance and easy marking and reading
- Convenient "SPECIMEN" mark lends easy orientation



| Cat. No.         | Description         | Quantity |
|------------------|---------------------|----------|
| <b>25 x 75mm</b> |                     |          |
| 12-550-403       | Frost Color: Blue   | 144/PK   |
| 12-550-413       | Frost Color: Green  | 144/PK   |
| 12-550-423       | Frost Color: Pink   | 144/PK   |
| 12-550-433       | Color: Yellow       | 144/PK   |
| 22-037-077       | Color: Aqua         | 144/PK   |
| 22-037-078       | Color: Tan          | 144/PK   |
| 22-037-079       | Color: Burnt orange | 144/PK   |
| 22-037-080       | Color: Gold         | 144/PK   |
| 22-037-081       | Color: Lilac        | 144/PK   |
| <b>76 x 25mm</b> |                     |          |
| 22-214-320       | Frost Color: Blue   | 144/PK   |
| 22-214-338       | Color: Green        | 144/PK   |
| 22-214-346       | Frost Color: Pink   | 144/PK   |
| 22-214-361       | Frost Color: Yellow | 144/PK   |

## Fisherbrand™ ColorFrost™ Microscope Slides with Clipped Corners

- 45° clipped corners; color-coded frosted end
- Raised printed writing surface eliminates need for paper labels and tedious relabeling of slides
- Autoclavable



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 22-037-160 | Blue        | 144/PK   |
| 22-037-161 | Green       | 144/PK   |
| 22-037-162 | Pink        | 144/PK   |
| 22-037-163 | Yellow      | 144/PK   |

## Fisherbrand™ Colormark™ Slide Cartridges for SHUR/Mark™ Labeling Systems

- Brightly coated with contrasting background color
- Self-contained packages ready for loading into your SHUR/Mark slide labeling system
- Simply remove the cover from the slide package and drop the sleeve into the loading bin of the SHUR/Mark labeling system
- Available with Plus formula to provide the utmost adhesion



| Cat. No.            | Description | Quantity |
|---------------------|-------------|----------|
| 22-035-814          | White       | 144/PK   |
| 22-035-815          | Blue        | 144/PK   |
| 22-035-816          | Green       | 144/PK   |
| 22-035-817          | Pink        | 144/PK   |
| 22-035-818          | Yellow      | 144/PK   |
| <i>Plus charged</i> |             |          |
| 22-038-323          | Pink        | 144/PK   |
| 22-038-324          | White       | 144/PK   |
| 22-038-325          | Blue        | 144/PK   |
| 22-038-326          | Green       | 144/PK   |
| 22-038-327          | Yellow      | 144/PK   |
| 22-038-328          | Lavender    | 144/PK   |

## Fisherbrand™ Economy Plain Glass Micro Slides

- Plain microscope slide
- Clearest possible optics for unmatched transparency and absence of glass color tint
- Precision-ground edges on all four sides
- Size: 3 × 1"
- Thickness: 1mm



| Cat. No. | Description                                      | Quantity |
|----------|--|----------|
| 12-549-3 | Plain Microscope Slides, 3 × 1 in. (7.6 × 2.5cm) | 144/GR   |

## Fisherbrand™ Economy Plain Glass Microscope Slides

- Plain white glass slide
- Precision ground edges on all four sides
- Corrosion resistant
- Thickness 1mm



| Cat. No.  | Description | Quantity |
|-----------|-------------|----------|
| 12-550-A3 | 75 × 25mm   | 144/PK   |

## Fisherbrand™ Extra-Thick Microscope Slides

- Made of clear, corrosion-resistant glass
- Precleaned, with flat surfaces and ground edges for consistent quality
- Frosted-end slides have sandblasted area on one end for positive sample identification

| Cat. No.                 | Description                        | Quantity |
|--------------------------|------------------------------------|----------|
| <i>Type: plain glass</i> |                                    |          |
| 22-267-005               | Size: 3 × 1.5 in.                  | 144/PK   |
| 22-267-013               | Size: 3 × 2 in.                    | 144/PK   |
| 22-267-062               | Both ends frosted; Size: 3 × 1 in. | 144/PK   |

## Fisherbrand™ Extra-Thick Microslides

- In plain or frosted glass
- Made of 1.2mm thick clear, corrosion-resistant glass
- Hand-picked for consistent quality, precleaned and ready to use in one-at-a-time dispenser boxes of 72 slides
- Frosted slides have sandblasted frosted writing area (one end)



| Cat. No.               | Description            | Quantity |
|------------------------|------------------------|----------|
| <i>Size: 3 × 1 in.</i> |                        |          |
| 12-550-10              | Sides frosted: Plain   | 144/GR   |
| 12-550-11              | Sides frosted: one-end | 144/GR   |

## Fisherbrand™ Frosted Fluorescent Antibody Microslides

- Two rings with 10 or 15mm diameter
- Size: 1 × 3" (25 × 75mm)
- Thickness: 0.97 to 1.07mm



| Cat. No.   | Description                  | Quantity |
|------------|------------------------------|----------|
| 22-267-104 | Two rings with 15mm diameter | 144/PK   |
| 22-339-408 | Two rings with 10mm diameter | 144/PK   |

## Fisherbrand™ Frosted Microscope Slides

- Sandblasted frosted writing area at one end
- Markings will not rub off or wash off in normal procedures
- Approximately 1mm thick



| Cat. No.                         | Description                | Quantity |
|----------------------------------|----------------------------|----------|
| <i>0.9 × 2.9 in. (25 × 75mm)</i> |                            |          |
| 12-552-5                         | Frosted on 2 sides; 10/Pk. | 144/GR   |
| <i>3 × 1 in. (76 × 25.4mm)</i>   |                            |          |
| 12-550-343                       | Frosted at one end; 10/Pk. | 144/PK   |
| <i>3 × 1 in. (76 × 25.4mm)</i>   |                            |          |
| 22-265-446                       | Frosted at one end; 25/Pk. | 144/PK   |

## Fisherbrand™ InkJet Microscope Slides

- Printing instruments use chemical-resistant ink and print directly on Superfrost/ColorFrost tab of the slide
- For histology, cytology, hematology, and microbiology applications
- Clipped 45° or straight 90° corners
- Frosted tabs in nine different colors



| Cat. No.             | Description         | Quantity |
|----------------------|---------------------|----------|
| <b>45deg. corner</b> |                     |          |
| 22-042-915           | Color: white        | 144/PK   |
| 22-042-916           | Color: blue         | 144/PK   |
| 22-042-917           | Color: green        | 144/PK   |
| 22-042-918           | Color: pink         | 144/PK   |
| 22-042-919           | Color: yellow       | 144/PK   |
| 22-042-920           | Color: aqua         | 144/PK   |
| 22-042-922           | Color: lilac        | 144/PK   |
| 22-042-923           | Color: tan          | 144/PK   |
| <b>90deg. Corner</b> |                     |          |
| 12-550-100           | Color: white        | 144/PK   |
| 12-550-101           | Color: blue         | 144/PK   |
| 12-550-102           | Color: green        | 144/PK   |
| 12-550-103           | Color: pink         | 144/PK   |
| 12-550-105           | Color: aqua         | 144/PK   |
| 12-550-106           | Color: burnt orange | 144/PK   |
| 12-550-107           | Color: lilac        | 144/PK   |
| <b>InkJet</b>        |                     |          |
| 22-042-921           | Color: orange       | 144/PK   |

## Fisherbrand™ InkJet Plus Microscope Slides

- Printing instruments use chemical-resistant ink and print directly on Superfrost/ColorFrost tab of the slide
- For histology, cytology, hematology, and microbiology applications
- Clipped 45° or straight 90° corners
- Include a plus (+) charge symbol
- Frosted tabs in nine different colors



| Cat. No.                                 | Description         | Quantity |
|--|---------------------|----------|
| <b>45deg. corner plus</b>                |                     |          |
| 22-042-924                               | Color: white        | 144/PK   |
| 22-042-925                               | Color: blue         | 144/PK   |
| 22-042-926                               | Color: green        | 144/PK   |
| 22-042-927                               | Color: pink         | 144/PK   |
| 22-042-928                               | Color: yellow       | 144/PK   |
| 22-042-929                               | Color: aqua         | 144/PK   |
| 22-042-931                               | Color: lilac        | 144/PK   |
| <b>90deg. corner plus</b>                |                     |          |
| 12-550-109                               | Color: white        | 144/PK   |
| 12-550-110                               | Color: blue         | 144/PK   |
| 12-550-111                               | Color: green        | 144/PK   |
| 12-550-112                               | Color: pink         | 144/PK   |
| 12-550-113                               | Color: yellow       | 144/PK   |
| 12-550-114                               | Color: aqua         | 144/PK   |
| 12-550-115                               | Color: burnt orange | 144/PK   |
| 12-550-116                               | Color: lilac        | 144/PK   |
| 12-550-117                               | Color: tan          | 144/PK   |
| <b>Clipped, plus (+), 45deg. corners</b> |                     |          |
| 22-042-932                               | Color: tan          | 144/PK   |

## Fisherbrand™ Microscope Slides with Clipped Corners

- Consistent, 45° clipped corners provide excellent cleanliness, resist sticking, and ease handling
- Size: 25 × 75 × 1mm



| Cat. No.          | Description | Quantity |
|-------------------|-------------|----------|
| 22-038-101        | Plain       | 144/PK   |
| 22-038-102        | Frosted     | 144/PK   |
| <b>Superfrost</b> |             |          |
| 22-038-100        | White       | 144/PK   |

## Fisherbrand™ Plain Glass Microslides

- Clear, corrosion-resistant glass with flat surfaces and ground edges
- Precleaned and ready to use in one-at-a-time dispenser boxes of 72 slides



| Cat. No. | Description     | Quantity |
|----------|-----------------|----------|
| 12-550B  | Size: 75 × 38mm | 144/GR   |
| 12-550C  | Size: 75 × 50mm | 144/GR   |
| 12-550D  | Size: 25 × 75mm | 144/GR   |

## Fisherbrand™ Selectfrost™ Microscope Slides

- Autoclavable
- Available in an array of tab colors
- Durable, opaque tab is inert to common laboratory chemicals and reagents
- Does NOT include SPECIMEN orientation key printed below tab
- Packaged in paperboard box
- Size: 25 × 75 × 1mm



| Cat. No.   | Description  | Quantity |
|------------|--------------|----------|
| 12-550-003 | White        | 144/PK   |
| 12-550-01  | Blue         | 144/PK   |
| 12-550-02  | Green        | 144/PK   |
| 12-550-03  | Pink         | 144/PK   |
| 12-550-04  | Yellow       | 144/PK   |
| 12-550-05  | Aqua         | 144/PK   |
| 12-550-06  | Burnt Orange | 144/PK   |
| 12-550-07  | Lilac        | 144/PK   |
| 12-550-08  | Tan          | 144/PK   |

## Fisherbrand™ Superfrost™ Clipped Corner Slides

- Designed specifically for the Sysmex™ SP-100 slide prep unit
- Tight tolerances for the length and width help to reduce accumulation of glass chips within the instrument
- Corners are safer, less prone to chipping during handling
- Draws specimens away from edges
- Durable, opaque printed surface inert to common laboratory chemicals and reagents
- Autoclavable
- Size: 25 × 75 × 1mm



| Cat. No.              | Description                | Quantity |
|-----------------------|----------------------------|----------|
| <b>Clipped Corner</b> |                            |          |
| 12-550-016            | Size: 25 × 75mm, 1mm thick | 144/PK   |

## Fisherbrand™ Superfrost™ Disposable Microscope Slides

- Brilliant white, opaque coating takes and retains most laboratory marking methods
- Each side has a written key for easy orientation; the word “SPECIMEN” instantly tells you which side is up
- Slides can be imprinted with your laboratory or hospital’s name (call your Fisher Scientific Sales Representative for details)



| Cat. No.               | Description       | Quantity |
|------------------------|-------------------|----------|
| 12-550-133             | 3 × 1 in. × 1.2mm | 144/PK   |
| 22-178-277             | 3 × 1 in.         | 144/PK   |
| <b>25 × 75mm × 1mm</b> |                   |          |
| 12-550-143             | 144/Pk.           | 144/PK   |
| <b>White</b>           |                   |          |
| 12-550-123             | 3 × 1 in. × 1mm   | 144/PK   |

## Fisherfinest™ Premium Clipped-Corner Microscope Slides

- Due to surface and edge quality, preferred for manual blood smears and other hematology applications
- Same high quality as other Fisherfinest slides, except all four corners are clipped
- Slides are more comfortable to handle and safer to use than conventional slides
- Choose from Superfrost™ tab, frosted tab, or plain (no tab) slides
- Size: 25 × 75 × 1mm



| Cat. No.   | Description             | Quantity |
|------------|-------------------------|----------|
| 22-038-103 | w/Superfrost tab        | 144/PK   |
| 22-038-104 | No tab                  | 144/PK   |
| 22-038-105 | Color-coded frosted tab | 144/PK   |

## Fisherfinest™ Premium Frosted Microscope Slides

- Excellent retention of markings in all normal procedures



| Cat. No.                       | Description      | Quantity |
|--------------------------------|------------------|----------|
| <b>Size: 76.2 × 25.4mm</b>     |                  |          |
| 12-544-3                       | Microscope slide | 144/GR   |
| <b>Superfrost marking area</b> |                  |          |
| 12-544-2                       | Size: 75 × 25mm  | 144/GR   |

## Fisherfinest™ Premium Plain Glass Microscope Slides

- Water-white glass
- Precleaned, ready to use



| Cat. No.                 | Description         | Quantity |
|--------------------------|---------------------|----------|
| <b>Type: plain glass</b> |                     |          |
| 12-544-1                 | Size: 76.2 × 25.4mm | 144/GR   |
| 12-544-4                 | Size: 75 × 25mm     | 144/GR   |

## Fisherfinest™ Premium Superfrost™ Microscope Slides

- Marking area and “SPECIMEN” are frosted on one side
- 1mm thick



| Cat. No.               | Description                    | Quantity |
|------------------------|--------------------------------|----------|
| <b>Size: 75 × 25mm</b> |                                |          |
| 12-544-7               | Frosted on one side; 1mm thick | 144/GR   |

### Notebooks and Papers

#### General Purpose Papers and Envelopes

## Fisherbrand™ Thermal Printer Paper

- Manufactured to exacting quality standards — lot traceable, consistent performance roll-to-roll, lot-to-lot
- Maintains stable, long-lasting images when properly stored



| Cat. No.   | Description            | Quantity |
|------------|------------------------|----------|
| 22-044-150 | 4-3/8 in. W × 74 ft. L | 6/PK     |
| 22-044-296 | 2-1/4 in. W × 70 ft. L | 6/PK     |

## Lab Papers and Notebooks

## Thermo Scientific™ Nalgene™ Lab Notebooks with Regular Paper Pages, PE cover

- Spaces for dates, signature of worker and witness for patent protection
- Choose forest green cover with 0.25" (6mm) green grid or burgundy cover with horizontal lines
- Page size: Letter (8.5 × 11") or A4 (8.75 × 11.25")
- Permanently bound and paginated for data security and traceability



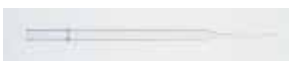
| Cat. No.                  | Description           | Quantity |
|---------------------------|-----------------------|----------|
| <b>Forest Green Cover</b> |                       |          |
| 11-903                    | Letter; 0.25 in. grid | 1/EA     |

## Pipets

## Pasteur Pipets

## Fisherbrand™ Disposable Soda-Lime Glass Pasteur Pipets

- Uniform bore
- Tip openings range from 0.80 to 1.20mm
- Top and tip free of sharp edges
- Can be cotton plugged (plugs not included)
- Carton top folds back — tilts carton into convenient dispensing position



| Cat. No.  | Description                      | Quantity |
|-----------|----------------------------------|----------|
| 13-678-6A | Approx. length: 5.75 in. (146mm) | 250/PK   |
| 13-678-6B | Approx. length: 9 in. (229mm)    | 250/PK   |

## Kimble Chase™ Kontes™ Sterile Disposable Pasteur Pipet

- Produced from soda-lime, gamma-irradiated glass
- Offered in 5.75 in. and 9 in. lengths along with cotton plugged and non-plugged options
- Feature constricted tops for cotton plugging



| Cat. No.        | Description    | Quantity |
|-----------------|----------------|----------|
| <b>5.75 in.</b> |                |          |
| 13-678-652      | Cotton plugged | 250/CS   |

## Plastic Serological Pipets

## Falcon™ Disposable Polystyrene Serological Pipets

- Feature exceptionally crisp, dark, easy-to-read printing with both reverse (except on 1mL) and negative graduations. An exclusive graduation alignment mark allows graduations to be brought into line of sight before complete removal of the wrapper
- Inside surface discourages formation of meniscus, thereby reducing reading errors. Total delivery accuracy of pipets, ±3%, with a 1.5% coefficient of variation
- Negative graduations allow for extra capacity
- Polyester fiber plug helps prevent overflow
- Without magnifier stripe
- Color coding on packaging and blow-out rings allows easy identification of size



| Cat. No.            | Description   | Quantity |
|---------------------|---|----------|
| <b>Standard tip</b> |   |          |
| 13-668-2            | Color code: purple; Capacity: 25mL; Subdivisions: 0.25mL; Overfill: 7mL; 200/Cs.  | 200/CS   |
| 13-675-17           | Color code: green; Capacity: 2mL; Subdivisions: 0.01mL; Overfill: 0.8mL; 1000/Cs. | 1000/CS  |
| 13-675-22           | Color code: blue; Capacity: 5mL; Subdivisions: 0.1mL; Overfill: 2.5mL; 200/Cs.    | 200/CS   |

## Fisherbrand™ Sterile Disposable Standard Serological Pipets

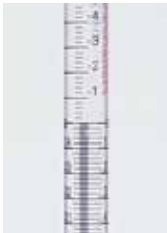
- Polystyrene pipet with negative graduations on all sizes
- Ascending and descending graduations on all but the 1 and 2mL sizes
- Sterile and nonwetable pipets
- Offer a tolerance of ±2% at full volume and have plug-in mouth end
- Without magnifier stripe
- Recyclable outer packaging
- Bulk packed
- Each pipet lot is tested for sterility, accuracy and endotoxin level



| Cat. No.            | Description   | Quantity |
|---------------------|---|----------|
| <b>Standard tip</b> |   |          |
| 13-678-12B          | Color code: Yellow; Capacity: 1mL; Subdivision: 0.01mL; Tolerance: +/-0.02mL  | 1000/CS  |
| 13-678-12C          | Color code: Green; Capacity: 2mL; Subdivision: 0.01mL; Tolerance: +/-0.04mL   | 500/CS   |
| 13-678-12D          | Color code: Blue; Capacity: 5mL; Subdivision: 0.10mL; Tolerance: +/-0.10mL    | 500/CS   |
| 13-678-12E          | Color code: Orange; Capacity: 10mL; Subdivision: 0.10mL; Tolerance: +/-0.20mL | 500/CS   |
| 13-678-14B          | Color code: Red; Capacity: 25mL; Subdivision: 0.05mL; Tolerance: +/-0.50mL    | 200/CS   |
| 13-678-14C          | Color code: Purple; Capacity: 50mL; Subdivision: 0.02mL; Tolerance: +/-1mL    | 100/CS   |
| <b>Wide tip</b>     |   |          |
| 13-678-14A          | Color code: Orange; Capacity: 10mL; Subdivision: 0.10mL; Tolerance: +/-0.20mL | 500/CS   |

## Fisherbrand™ Sterile Polystyrene Disposable Serological Pipets with Magnifier Stripe

- Color coded magnifier stripe runs lengthwise along pipet, making meniscus obvious at arm's length — reducing reading errors
- Pipets have improved optical clarity — high-contrast black markings make volumes easier to read
- Sterile and nonwetable pipets
- Offer a tolerance of  $\pm 2\%$  at full volume and have plug-in mouth end
- 1, 2, 5, 10, 25, and 50mL pipets have ascending and descending graduations
- Improved tip design on 25 and 50mL pipets increases the effect of surface tension to minimize dripping
- Color coding on each pipet and on inner bags for multipack pipets make it easy to spot the size needed
- Each pipet lot is tested for sterility, accuracy and endotoxin level
- Bulk pack and individually wrapped, with paper and plastic wraps



| Cat. No.                    | Description  | Quantity |
|-----------------------------|--|----------|
| <b>Subdivisions: 0.01mL</b> |  |          |
| 13-675-2C                   | Capacity: 2mL; Color: Green; Bulkpack                        | 500/CS   |
| 13-675-3C                   | Capacity: 2mL; Color: Green; Individual all-plastic wrap     | 500/CS   |
| 13-676-10B                  | Capacity: 1mL; Color: Yellow; Bulkpack                       | 1000/CS  |
| 13-676-10G                  | Capacity: 1mL; Color: Yellow; Individual all-plastic wrap    | 1000/CS  |
| 13-678-11B                  | Capacity: 1mL; Color: Yellow; Individual paper/plastic wrap  | 1000/CS  |
| 13-678-11C                  | Capacity: 2mL; Color: Green; Individual paper/plastic wrap   | 500/CS   |
| <b>Subdivisions: 0.10mL</b> |  |          |
| 13-676-10C                  | Capacity: 5mL; Color: Blue; Bulkpack                         | 500/CS   |
| 13-676-10F                  | Capacity: 10mL; Color: Orange; Bulkpack                      | 500/CS   |
| 13-676-10H                  | Capacity: 5mL; Color: Blue; Individual all-plastic wrap      | 200/CS   |
| 13-676-10J                  | Capacity: 10mL; Color: Orange; Individual all-plastic wrap   | 200/CS   |
| 13-678-11D                  | Capacity: 5mL; Color: Blue; Individual paper/plastic wrap    | 200/CS   |
| 13-678-11E                  | Capacity: 10mL; Color: Orange; Individual paper/plastic wrap | 200/CS   |
| <b>Subdivisions: 0.20mL</b> |  |          |
| 13-676-10K                  | Capacity: 25mL; Color: Red; Individual all-plastic wrap      | 200/CS   |
| 13-676-10M                  | Capacity: 25mL; Color: Red; Bulkpack                         | 200/CS   |
| <b>Subdivisions: 0.50mL</b> |  |          |
| 13-676-10Q                  | Capacity: 50mL; Color: Purple; Bulkpack                      | 100/CS   |
| 13-676-10R                  | Capacity: 50mL; Color: Purple; Individual all-plastic wrap   | 100/CS   |
| 13-678-11                   | Capacity: 25mL; Color: Red; Individual paper/plastic wrap    | 200/CS   |
| 13-678-11F                  | Capacity: 50mL; Color: Purple; Individual paper/plastic wrap | 100/CS   |

## Stripette™ Bulk Disposable Polystyrene Serological Pipets

- Sterile pipets feature color-coded stripes for easy volume reading and quick size identification
- Unique color-coded magnifying stripe for easier meniscus viewing
- Sterile and certified nonpyrogenic and DNase-/RNase-free
- Accuracy within  $\pm 2\%$  at full volume
- Calibrated to deliver (TD-EX 20°C) their contents with blowout



| Cat. No.  | Description    | Quantity |
|-----------|----------------|----------|
| 07-200-11 | Capacity: 10mL | 500/CS   |
| 07-200-14 | Capacity: 25mL | 200/CS   |
| 07-200-8  | Capacity: 5mL  | 500/CS   |

### Transfer Pipets

## Fisherbrand™ Blood Bank Disposable Transfer Pipettes

- Capacity: approximately 5mL
- Delivers 24 to 26 drops/mL



| Cat. No.                   | Description    | Quantity |
|----------------------------|----------------|----------|
| <b>5mL</b>                 |                |          |
| 13-711-5AM                 | Length: 14.6cm | 500/PK   |
| 13-711-99                  | Length: 15.4cm | 500/PK   |
| <b>approximately 4.6mL</b> |                |          |
| 13-711-6M                  | Length: 15cm   | 500/PK   |

## Fisherbrand™ Disposable Graduated Transfer Pipettes

- Available gamma radiation-sterilized or nonsterile
- 5.8mL capacity with 0.25mL graduations
- Draw 3.4mL per squeeze



| Cat. No.               | Description                   | Quantity |
|------------------------|-------------------------------|----------|
| <b>Capacity: 5.8mL</b> |                               |          |
| 13-711-20              | Sterile; Individually-wrapped | 500/PK   |
| 13-711-9AM             | Nonsterile; 500/Pk.           | 500/PK   |
| 13-711-9BM             | Sterile; 500/Pk.              | 500/PK   |
| 13-711-9CM             | Sterile; 20/bag               | 500/PK   |

## Fisherbrand™ Disposable Westergren Pipets

- Designed to fit racks suitable for cotton-plugged Westergren pipets
- Calibrated pipets assure the same normal values as conventional Westergren pipets
- When the cotton plug is completely saturated, the cells automatically settle from the zero line



| Cat. No.   | Description    | Quantity |
|------------|----------------|----------|
| 22-238-444 | Length: 23.8cm | 200/PK   |

## Fisherbrand™ Standard Disposable Transfer Pipettes

- Put an end to matching rubber bulb with glass pipette. Since entire unit is disposable, these pipettes prevent cross-contamination to samples and reduce airborne contamination to personnel
- One-piece design molded from see-through, low-density polyethylene
- Inert to biological fluids and most acids
- Work well in hematology, urinalysis, chemistry, blood banking — anywhere there is a need for quick, safe transfer of fluids
- In four ready-to-use styles
- One squeeze draws from 2.0 to 3.3mL (depending on style used)
- All deliver repeatable drop sizes
- Can be sealed and refrigerated for sample storage (seal with Cat. No. 02-678 Hemato-Seal™ Tube Sealant)



| Cat. No.            | Description                        | Quantity |
|---------------------|------------------------------------|----------|
| <b>Graduated</b>    |                                    |          |
| 13-711-9D           | Length: 6 in.; Capacity: 7.5mL     | 500/PK   |
| <b>Nongraduated</b> |                                    |          |
| 13 711 7M           | Length: 5.875 in.; Capacity: 7.7mL | 500/PK   |

## Thermo Scientific™ Samco™ Fine Tip Transfer Pipets

- Suitable for removing cell layers, separating blood samples, etc.
- With fine tip or extended fine tip



| Cat. No.     | Description  | Quantity |
|--------------|--|----------|
| <b>5.8mL</b> |  |          |
| 13-711-28    | Fine Tip Transfer Pipets; Standard Bulb; Sterile; 20/Pk (20 × 20 /Pack, 4000/Case) | 500/PK   |
| 13-711-31    | Extended fine tip; Standard Bulb   | 500/PK   |

## Thermo Scientific™ Samco™ General-Purpose Transfer Pipets

- Excellent for tissue culture applications
- General-purpose pipets are excellent for routine sampling of serum and plasma
- Ideally suited for blood culture and urine analysis



| Cat. No.                         | Description | Quantity |
|----------------------------------|-------------|----------|
| 13-711-21                        | 7.7mL       | 500/PK   |
| <b>Built-in pipet large bulb</b> |             |          |
| 13-711-23                        | 8.0mL       | 400/PK   |

## Thermo Scientific™ Samco™ Narrow Stem Transfer Pipets

- Made of shatterproof, nontoxic polyethylene
- Low-affinity surface reduces loss of cells and valuable proteins due to binding
- Can be frozen in liquid nitrogen, or heat sealed for storage



| Cat. No.  | Description   | Quantity |
|-----------|---|----------|
| 13-711-32 | 1.2mL Sedi-Pet Transfer Pipets, Short Stem, Non-sterile (500/Pack, 4000/Case)             | 500/PK   |
| 13-711-33 | 4.0mL Sedi-Pet Transfer Pipets, Short Stem, Large Bulb, Non-sterile (500/Pack, 4000/Case) | 500/PK   |

### Pipette Tips

#### Filtering Pipette Tips

## Fisherbrand™ Aerosol-Barrier Tips

- Unique small micron filter prevents aerosol contamination with no obstruction to airflow
- Use aerosol barrier tips to ensure result integrity
- Bulk packs are autoclavable; sterile products are not autoclavable
- Certified by independent laboratory nonsterile; RNase, DNase, DNA, and pyrogen free
- Natural color



| Cat. No.                | Description                                  | Quantity |
|-------------------------|--|----------|
| <b>Volume: 0.2-10uL</b> |  |          |
| 02-707-27               | Length: 1.8 in., Ultra-Micro; LRS; 10 × 96   | 960/PK   |
| 02-707-30               | Length: 1.25 in.; Micro-P2/P10; HRS; 10 × 96 | 960/PK   |
| <b>Volume: 100uL</b>    |  |          |
| 02-707-161              | Length: 1.9 in., reach; LRS; 10 × 96         | 960/PK   |
| 02-707-39               | Length: 2 in.; HRS; 10 × 96                  | 960/PK   |
| <b>Volume: 10uL</b>     |  |          |
| 02-707-153              | Length: 1.7 in., reach; Bulk Pack            | 1000/PK  |
| 02-707-155              | Length: 1.7 in., reach; HRS; 10 × 96         | 960/PK   |
| <b>Volume: 30uL</b>     |  |          |
| 02-707-33               | Length: 2 in.; HRS; 10 × 96                  | 960/PK   |
| <b>Volume: 50uL</b>     |  |          |
| 02-707-36               | Length: 2 in.; HRS; 10 × 96                  | 960/PK   |
| <b>Volume: 5uL</b>      |  |          |
| 02-707-150              | Length: 1.2 in.; Micro Nano; Bulk Pack       | 1000/PK  |
| 02-707-152              | Length: 1.2 in.; Micro Nano; LRS; 10 × 96    | 960/PK   |



## Fisherbrand™ Aerosol-Barrier Tips: 200–5000µL



| Cat. No.                 | Description                   | Quantity |
|--------------------------|-------------------------------|----------|
| <b>Vol.: 1000-1300uL</b> |                               |          |
| 02-707-51                | Length: 3.1 in.; LRS; 10 × 96 | 1000/PK  |
| <b>Vol.: 200uL</b>       |                               |          |
| 02-707-42                | Length: 2 in.; HRS, 10 × 96   | 960/PK   |

## Fisherbrand™ SureOne™ Aerosol Barrier Pipette Tips

- Engineered for increased accuracy and are compatible with single-channel, multichannel and electronic pipetters
- DNase-/RNase-free; sterile tips are also pyrogen-free
- Sterile and clear color
- Filter eliminates aerosol cross-contamination without sealing or trapping samples
- Tips allow for noncontaminated sample recovery
- Not autoclavable



| Cat. No.             | Description  | Quantity |
|----------------------|--|----------|
| <b>0.1 to 10uL</b>   |  |          |
| 02-707-439           | Micropoint tip; Graduated at 2uL                             | 960/PK   |
| 02-707-442           | Micropoint tip; Graduated at 2.5uL; Extended length          | 960/PK   |
| 02-707-456           | Micropoint tip; Eppendorf style                              | 960/PK   |
| <b>0.1 to 20uL</b>   |  |          |
| 02-707-470           | Micropoint tip; Extended length; Graduated at 2, 5, 10, 20uL | 960/PK   |
| <b>10 to 100uL</b>   |  |          |
| 02-707-431           | Beveled tip  | 960/PK   |
| <b>100 to 1000uL</b> |  |          |
| 02-707-404           | Micropoint tip; Graduated at 100, 200, 500, 1000uL           | 960/PK   |
| <b>2 to 20uL</b>     |  |          |
| 02-707-432           | Beveled tip  | 960/PK   |
| 02-707-435           | Micropoint tip; Eppendorf style                              | 960/PK   |
| <b>20 to 200uL</b>   |  |          |
| 02-707-430           | Beveled tip; Graduated at 10, 50, 100uL                      | 960/PK   |
| <b>30 to 300uL</b>   |  |          |
| 02-707-471           | Micropoint tip; Graduated at 10, 50, 100, 200Glc muL         | 960/PK   |

## Fisherbrand™ SureOne™ Filter Tip Reload Pipette Tips

### Packaging Features

- Offset wells allow filter tips to stack
- Rigid inserts are multi-channel format ensuring secure tip seal
- Lot numbered inserts for traceability also include easy to read tip volume and Fisher catalog number
- Sterile packaging with outer sleeve protects tips from contamination while refilling inserts
- Environmentally friendly reload packaging reduces plastic waste and saves space
- Blister sleeve guide rails align tip inserts for smooth and reliable transfer into the rack



### Rack Features

- Flush Fit Inserts sit flush with rack, allowing easy multichannel pipetting
- Recycle Logo molded into all rack components
- Notched clasp props lid open for autoclave venting
- Sure Stack lid rim prevents racks from sliding around when stacked and carted around a lab
- Safe-Lock latch allows for one-handed open and closing ability and won't pop open when dropped
- Sure-snap design securely holds insert in place, preventing it from being lifted out while pipetting
- Flip-lid can be either a hinged or lift-off lid; hinged format does not prevent use of a multichannel pipet

### Insert Features

- Inserts are easy to place onto and remove from rack; clip onto rack for a secure fit
- Lot traceable—all inserts contain the Fisherbrand part number, tip volume, lot number
- Indented insert holes inhibit tip movement, stabilizing them for multichannel work
- Contact Clip helps prevent unnecessary contact with the tips while clipping in inserts
- Multichannel design; all inserts are 96-well format
- Robust non-pliable design provides secure seals on every tip

| Cat. No.                            | Description                              | Quantity |
|-------------------------------------|--|----------|
| <b>Low retention micropoint tip</b> |  |          |
| 02-707-475                          | Graduated at 2, 5, 10, 20uL; 0.1 to 20uL | 960/PK   |

## Thermo Scientific™ ART™ Barrier Lift Off Rack and Bulk Pipette Tips

- **Ultimate protection**— ART barrier tips provide 100% security against aerosols and liquid contamination
- **Reliable Quality**— Complete selection of barrier, non-filtered and specialty tips deliver proven ART quality, performance and reliability, backed by the highest Thermo Scientific standards and worldwide support
- **Traceable**— Lot number and description are printed on every insert
- **Clean Claims**— Certified free from DNA, DNase, RNase, ATP and Pyrogens



| Cat. No.                           | Description                               | Quantity |
|------------------------------------|---|----------|
| <b>ART Barrier Pipet tips 100E</b> |   |          |
| 21-236-8                           | 100uL; MicroPoint; Low retention; Sterile | 960/PK   |

## Pipette Specific Tips

## Fisherbrand™ Pipette-Specific Tips

- Tips for specific applications
- Designed to fit distinctive pipettes
- Certified by independent laboratory
- Nonsterile: RNase, DNase, DNA, and Pyrogen Free; Sterile: RNase, DNase, DNA, Bioburden, PCR Inhibitor, and Pyrogen Free



| Cat. No.              | Description  | Quantity |
|-----------------------|--|----------|
| <i>Titertek style</i> |  |          |
| 02-707-62             | Natural; 5 to 300µL; 54mm long; Packaging: Bulk pack | 1000/PK  |

## Repeater Pipette Tips

## Eppendorf™ Adapters for Combitips Advanced™ Pipet Tips



| Cat. No.                                   | Description                       | Quantity |
|--|-----------------------------------|----------|
| <i>Adapter for 50mL Biopur quality tip</i> |                                   |          |
| 13-683-730                                 | Color-coded: light gray; 7 pieces | 7/CS     |

## Eppendorf™ Combitips Advanced™ Pipette Tips - Standard Quality Tips

- Slip agent free
- Color-coded tip size recognition
- Funnel geometry from cylinder to rim; prevents damage to gloves and ensures comfortable handling
- Function according to the positive displacement principle
- Elongated design for complete emptying of all common tubes
- Optimized graduations for visibility of liquid volume
- Automatic Combitip recognition and volume calculation
- 3D design on the upper rim for easy recognition
- Maximum range offered by nine volume sizes (0.1mL to 50mL)
- Dust free storage



| Cat. No.                   | Description                      | Quantity |
|----------------------------|----------------------------------|----------|
| <i>Color-coded: blue</i>   |                                  |          |
| 13-683-705                 | Purity: Eppendorf quality; 5mL   | 100/CS   |
| <i>Color-coded: green</i>  |                                  |          |
| 13-683-704                 | Purity: Eppendorf quality; 2.5mL | 100/CS   |
| <i>Color-coded: orange</i> |                                  |          |
| 13-683-706                 | Purity: Eppendorf quality; 10mL  | 100/CS   |
| <i>Color-coded: purple</i> |                                  |          |
| 13-683-702                 | Purity: Eppendorf quality; 0.5mL | 100/CS   |

## Eppendorf™ Combitips Advanced™ Pipette Tips - Standard, Sterile

- Slip agent free
- Color-coded tip size recognition
- Funnel geometry from cylinder to rim; prevents damage to gloves and ensures comfortable handling
- Function according to the positive displacement principle
- Elongated design for complete emptying of all common tubes
- Optimized graduations for visibility of liquid volume
- Automatic Combitip recognition and volume calculation
- 3D design on the upper rim for easy recognition
- Maximum range offered by nine volume sizes (0.1mL to 50mL)
- Dust free storage

| Cat. No.                   | Description           | Quantity |
|----------------------------|-----------------------|----------|
| <i>Color-coded: orange</i> |                       |          |
| 13-683-715                 | Purity: Sterile; 10mL | 100/CS   |
| <i>Color-coded: red</i>    |                       |          |
| 13-683-716                 | Purity: Sterile; 25mL | 100/CS   |

## Eppendorf™ Combitips Advanced™ Standard Biopur Quality Pipette Tips

- Slip agent free
- Color-coded tip size recognition
- Funnel geometry from cylinder to rim; prevents damage to gloves and ensures comfortable handling
- Function according to the positive displacement principle
- Elongated design for complete emptying of all common tubes
- Optimized graduations for visibility of liquid volume
- Automatic Combitip recognition and volume calculation
- 3D design on the upper rim for easy recognition
- Maximum range offered by nine volume sizes (0.1mL to 50mL)
- Dust free storage

| Cat. No.                       | Description                  | Quantity |
|--------------------------------|------------------------------|----------|
| <i>Color-coded: light gray</i> |                              |          |
| 13-683-726                     | Purity: Biopur quality; 50mL | 100/CS   |
| <i>Color-coded: orange</i>     |                              |          |
| 13-683-724                     | Purity: Biopur quality; 10mL | 100/CS   |
| <i>Color-coded: red</i>        |                              |          |
| 13-683-725                     | Purity: Biopur quality; 25mL | 100/CS   |

## Fisherbrand™ Dispenser Tips for Handstep™ S Repeating Pipette

- Precision seal between the piston and cylinder ensure smooth operation, increased accuracy and precision
- Extended piston design minimizes dead volume and maximizes fluid utilization
- Made entirely from high-quality virgin high-density polyethylene and polypropylene (Piston of 0.1mL tip is liquid crystal polymer-LCP)

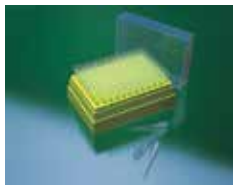


| Cat. No.      | Description | Quantity |
|---------------|-------------|----------|
| <i>12.5mL</i> |             |          |
| 13-668-717    | sterile     | 100/PK   |
| <i>2.5mL</i>  |             |          |
| 13-668-704    | non-sterile | 100/PK   |
| <i>5mL</i>    |             |          |
| 13-668-705    | non-sterile | 100/PK   |

## Robotic Pipette Tips

## Fisherbrand™ Lab Automation Filter Pipet Tips

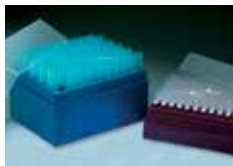
- Disposable tips for robotic workstations provide maximum performance, accuracy and reproducibility in laboratory automation procedures
- Available in clear, blue tint, or carbon-black-conductive polypropylene
- Carbon-black, liquid-level-sensing tips are required by many automated systems



| Cat. No.                                | Description                        | Quantity |
|---|------------------------------------|----------|
| <i>For Beckman Biomek 1000/2000</i>     |                                    |          |
| 02-707-241                              | Vol.: 20uL; Sterile; Natural       | 960/PK   |
| 02-707-242                              | Vol.: 180uL; 960; Sterile; Natural | 960/PK   |
| <i>For Beckman Multimek 96 channel</i>  |                                    |          |
| 02-707-212                              | Vol.: 250uL; Nonsterile; Blue      | 960/PK   |
| <i>For Tecan Genesis</i>                |                                    |          |
| 02-707-265                              | Vol.: 200uL; Sterile; Natural      | 960/PK   |
| 02-707-268                              | Vol.: 50uL; Sterile; Black         | 960/PK   |
| 02-707-270                              | Vol.: 1000uL; Sterile; Black       | 960/PK   |
| <i>For Zymark RapidPlate 96, 96/384</i> |                                    |          |
| 02-707-228                              | Vol.: 150uL; Nonsterile; Natural   | 960/PK   |
| <i>Qiagen BioRobot/Rosys</i>            |                                    |          |
| 02-683-272                              | 1100uL; Sterile; Natural           | 960/PK   |

## Fisherbrand™ Lab Automation Nonfilter Pipet Tips

- Carbon-black, liquid-level-sensing tips are required by many automated systems.
- They are constructed of a highly conductive material that is necessary to detect presence or absence of sufficient liquid, in order to avoid short sampling and excessive submersion of tip during aspiration.



| Cat. No.                                | Description                   | Quantity |
|---|-------------------------------|----------|
| <i>For Tecan Genesis</i>                |                               |          |
| 02-707-244                              | 20uL; Natural; Nonsterile     | 960/PK   |
| 02-707-246                              | 20uL; Black; Nonsterile       | 960/PK   |
| 02-707-249                              | 50uL; Natural; Nonsterile     | 960/PK   |
| 02-707-251                              | 50uL; Black; Nonsterile       | 960/PK   |
| 02-707-254                              | 200uL; Natural; Nonsterile    | 960/PK   |
| 02-707-255                              | 200uL; Natural; Sterile       | 960/PK   |
| 02-707-256                              | 5 to 200uL; Black; Nonsterile | 960/PK   |
| 02-707-259                              | 1000uL; Natural; Nonsterile   | 960/PK   |
| 02-707-260                              | 1000uL; Natural; Sterile      | 960/PK   |
| 02-707-261                              | 1000uL; Black; Nonsterile     | 960/PK   |
| 02-707-262                              | 1000uL; Black; Sterile        | 960/PK   |
| <i>For Zymark RapidPlate 96, 96/384</i> |                               |          |
| 02-707-219                              | 200uL; Natural; Nonsterile    | 960/PK   |
| 02-707-220                              | 200uL; Natural; Sterile       | 960/PK   |
| 02-707-225                              | 100uL; Natural; Sterile       | 960/PK   |
| <i>For Zymark RapidPlate 96, 96/384</i> |                               |          |
| 02-707-224                              | 100uL; Natural; Nonsterile    | 960/PK   |

## Fisherbrand Lab Automation Nonfilter Pipet Tips-Zymark RapidPlate 96and 96/384-Bulk

| Cat. No.                                | Description                | Quantity |
|---|----------------------------|----------|
| <i>For Zymark RapidPlate 96, 96/384</i> |                            |          |
| 02-707-218                              | 200uL; Natural; Nonsterile | 1000/PK  |

## Universal Pipette Tips

## Eppendorf™ epTIPS™ Boxes and Refill Trays

- System optimized for use with multi-channel pipettes
- Refill trays can be autoclaved in advance
- Tips can be used straight from the refill packaging
- Reduced waste
- All components 100% recyclable
- Space-saving packaging
- Color-coded trays for simple identification of tips and matching pipette



| Cat. No.                  | Description                      | Quantity |
|---------------------------|----------------------------------|----------|
| <i>Volume: 2 to 200uL</i> |                                  |          |
| 05-403-41                 | Packaging: Refill trays, 10 x 96 | 960/PK   |

## Eppendorf™ epTIPS™ in Bags

- Available in all tip sizes from 10µl to 10mL
- 200µl, 300µl and 1,000µl tips are color coded yellow and blue
- Packed in re-sealable bags



| Cat. No.                    | Description                    | Quantity |
|-----------------------------|--------------------------------|----------|
| <i>Volume: 20 to 300uL</i>  |                                |          |
| 05-403-58                   | Packaging: bulk, 2 bags of 500 | 1000/CS  |
| <i>Volume: 50 to 1000uL</i> |                                |          |
| 05-403-59                   | Packaging: bulk, 2 bags of 500 | 1000/CS  |

## Fisherbrand™ Redi-Tip™ Pipette Tips: Empty Racks with Inserts

| Cat. No.   | Description                | Quantity |
|------------|----------------------------|----------|
| 02-681-436 | Empty Rack for 200uL tips  | 96/CS    |
| 02-681-438 | Empty Rack for 1000uL tips | 1/EA     |

## Fisherbrand™ Redi-Tip™ Pipette Tips: General Purpose

- Certified by independent laboratory
- Nonsterile: RNase, DNase, DNA, and pyrogen free
- Sterile: RNase, DNase, DNA, Bioburden, PCR Inhibitor, and pyrogen free



| Cat. No.          | Description                             | Quantity |
|-------------------|---|----------|
| <b>101-1000uL</b> |   |          |
| 02-707-507        | 2.75 in. (7mm); Blue; BP                | 1000/PK  |
| 02-707-508        | 2.75 in. (7mm); Blue; HR, 10 × 100      | 1000/PK  |
| 02-707-509        | 2.75 in. (7mm); Blue; HRS, 10 × 100     | 1000/PK  |
| 02-707-510        | 2.75 in. (7mm); Blue; RI, 10 × 100      | 1000/PK  |
| 02-707-511        | 2.75 in. (7mm); Natural; HR/T, 10 × 100 | 1000/PK  |
| <b>1-200uL</b>    |   |          |
| 02-707-500        | 2 in. (50.8mm); Yellow; Bulk Pack       | 1000/PK  |
| 02-707-501        | 2 in. (50.8mm); Yellow; HR, 10 × 96     | 960/PK   |
| 02-707-502        | 2 in. (50.8mm); Yellow; HRS, 10 × 96    | 960/PK   |
| 02-707-503        | 2 in. (50.8mm); Yellow; RI, 5 × 96      | 480/PK   |

## Fisherbrand™ Redi-Tip™ Pipette Tips: Reference

- Certified by independent laboratory
- Nonsterile: RNase, DNase, DNA and pyrogen free
- Sterile: RNase, DNase, DNA, Bioburden, PCR Inhibitor and pyrogen free



| Cat. No.          | Description                              | Quantity |
|-------------------|--|----------|
| <b>101-1000uL</b> |  |          |
| 02-681-163        | 2.75 in. (7mm); Blue; BP                 | 1000/PK  |
| 02-681-164        | 2.75 in. (7mm); Blue; LR                 | 1000/PK  |
| 02-681-165        | 2.75 in. (7mm); Blue; LRS                | 1000/PK  |
| 02-681-166        | 2.75 in. (7mm); Blue; SR                 | 1000/PK  |
| 02-681-168        | 2.75 in. (7mm); Natural; BP              | 1000/PK  |
| 02-681-169        | 2.75 in. (7mm); Natural; LR              | 1000/PK  |
| 02-681-170        | 2.75 in. (7mm); Natural; LRS             | 1000/PK  |
| <b>1-200uL</b>    |  |          |
| 02-681-146        | 2 in. (50.8mm); Natural; LR, 10 × 96     | 960/PK   |
| 02-681-147        | 2 in. (50.8mm); Natural; LRS, 10 × 96    | 960/PK   |
| 02-681-150        | 2 in. (50.8mm); Natural; SR, 10 × 96     | 1000/PK  |
| 02-681-151        | 2 in. (50.8mm); Yellow; BP, 10 × 96      | 1000/PK  |
| 02-681-152        | 2 in. (50.8mm); Yellow; LR, 10 × 96      | 960/PK   |
| 02-681-153        | 2 in. (50.8mm); Yellow; LRS, 10 × 96     | 960/PK   |
| 02-681-154        | 2 in. (50.8mm); Yellow; HR, 10 × 96      | 960/PK   |
| 02-681-155        | 2 in. (50.8mm); Yellow; HR, 10 × 96      | 960/PK   |
| 02-681-156        | 2 in. (50.8mm); Yellow; HRS, 10 × 96     | 1000/PK  |
| 02-681-457        | 2 in. (50.8mm); Natural; HRS, 10 × 96    | 960/PK   |
| 02-707-504        | 2 in. (50.8mm); Natural; BP              | 1000/PK  |
| 02-707-505        | 2 in. (50.8mm); Natural; HR, 10 × 96     | 960/PK   |
| 02-707-506        | 2 in. (50.8mm); Natural; HRS, RI, 5 × 96 | 480/PK   |
| <b>1-300uL</b>    |  |          |
| 02-681-157        | 2 in. (50.8mm); Natural; BP              | 1000/PK  |
| 02-681-158        | 2 in. (50.8mm); Natural; LR, 10 × 96     | 960/PK   |
| 02-681-455        | 2.3 in. (58.7mm); Natural; LR, 10 × 96   | 960/PK   |

## Fisherbrand™ Stack-Rack Space-Saver Tips: 101-1000µL

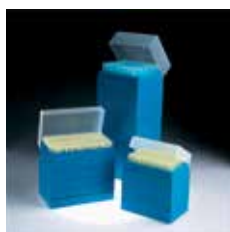
- Racks nest together with each rack serving as a lid for the rack below
- Rack packs contain five racks of tips, with a base and dust cover
- Available in 5 × 100 formats
- Certified by independent laboratory
- Nonsterile; RNase, DNase, DNA, and pyrogen free



| Cat. No.        | Description  | Quantity |
|-----------------|--|----------|
| <b>Standard</b> |  |          |
| 02-707-107      | Natural; Volume: 101-1000uL; Length: 2.75 in.; 2 stacks/5 Racks of 100 | 1000/PK  |
| 02-707-108      | Blue; Volume: 101-1000uL; Length: 2.75 in.; 2 stacks/5 Racks of 100    | 1000/PK  |

## Fisherbrand™ Stack-Rack Space-Saver Tips: 1-200µL

- Racks nest together with each rack serving as a lid for the rack below
- Rack packs contain five racks of tips, with a base and dust cover
- Available in 5 × 96 or 5 × 200 formats
- Certified by independent laboratory
- Nonsterile; RNase, DNase, DNA and pyrogen free



| Cat. No.       | Description  | Quantity |
|----------------|--|----------|
| <b>Beveled</b> |  |          |
| 02-707-105     | Natural; Volume: 1-200uL; Length: 2 in.; 5 Racks of 200          | 1000/PK  |
| 02-707-106     | Yellow; Volume: 1-200uL; Length: 2 in.; 5 Racks of 200           | 1000/PK  |
| 02-707-115     | Yellow; Volume: 1-200uL; Length: 2 in.; Graduated; 5 Racks of 96 | 480/PK   |

## Fisherbrand™ Standard Pipette Tips

### For use with, but not limited to:

- Costar™ Onepette™, Costar 8/12 Pette™
- Eppendorf™
- Thermo Scientific FinnpiPETTE™
- LabPette™ 8- and 12-Channel
- Nichiryo™
- Pipetman™
- Rainin™ EDP2™
- Oxford™ Benchmate™
- Socorex™
- Titertek Digital™
- UNITEK™ Volac™

| Cat. No.      | Description           | Quantity |
|---------------|-----------------------|----------|
| <b>Blue</b>   |                       |          |
| 02-681-4      | 101 to 1000uL; Racked | 1000/PK  |
| <b>Yellow</b> |                       |          |
| 02-681-2      | 1 to 200uL            | 1000/PK  |

## Fisherbrand™ Standardization Pipette Tips: 0–200µL

- Soft pliable tip collar allows this tip to fit on pipets made by various manufacturers
- Lower cost and increased convenience by purchasing fewer products
- Available in a variety of packaging options
- Eliminate the need to buy pipetter-specific tips
- Certified by independent laboratory
- Nonsterile: RNase, DNase, DNA and pyrogen free



| Cat. No.                             | Description   | Quantity |
|--------------------------------------|---|----------|
| <b>Volume/Length: 0-200uL, 2 in.</b> |   |          |
| 21-375-2                             | Natural; Stack Rack, 5 × 200                            | 1000/PK  |
| <b>Volume: 0-200uL</b>               |   |          |
| 02-681-134                           | Length: 2 in.; Natural; Bulk Packaging                  | 1000/PK  |
| 02-681-135                           | Length: 2 in.; Natural; Lift-off rack, 10 × 96          | 960/PK   |
| 02-681-140                           | Length: 2 in.; Yellow; Bulk Packaging                   | 1000/PK  |
| 02-681-141                           | Length: 2 in.; Yellow; Lift-off Rack, 10 × 96           | 960/PK   |
| 02-681-142                           | Length: 2 in.; Yellow; Lift-off Rack, Sterile, 10 × 96  | 960/PK   |
| 21-197-27                            | Length: 2 in.; Yellow; Stack Rack, 5 × 200              | 1000/PK  |
| 21-375-12                            | Length: 2 in.; Natural; Lift-off rack, Sterile, 10 × 96 | 960/PK   |
| 21-375G                              | Small MLA-style; Length: 2 in.; Natural; Bulk Packaging | 1000/PK  |

## Fisherbrand™ Standardization Pipette Tips: 1–200µL

- Soft pliable tip collar allows this tip to fit on pipets made by various manufacturers
- Lower cost and increased convenience by purchasing fewer products
- Available in a variety of packaging options
- Eliminate the need to buy pipetter-specific tips
- Certified by independent laboratory
- Nonsterile: RNase, DNase, DNA and pyrogen free
- Sterile: RNase, DNase, DNA, bioburden, PCR inhibitor and pyrogen free



| Cat. No.               | Description  | Quantity |
|------------------------|--|----------|
| <b>Volume: 1-200uL</b> |  |          |
| 02-707-102             | Length: 2 in.; Natural; Bulk Packaging                 | 1000/PK  |
| 02-707-103             | Length: 2 in.; Natural; Hinged Rack, 10 × 96           | 960/PK   |
| 02-707-117             | Length: 2 in. thin wall; Natural; Hinged Rack; 10 × 96 | 960/PK   |
| 02-707-118             | Length: 2 in. thin wall; Natural; Rack Insert; 5 × 96  | 480/PK   |

## Fisherbrand™ Standardization Pipette Tips: 200–1000µL

- Soft pliable tip collar allows this tip to fit on pipets made by various manufacturers
- Lower cost and increased convenience by purchasing fewer products
- Available in a variety of packaging options
- Eliminate the need to buy pipetter-specific tips
- Certified by independent laboratory
- Nonsterile: RNase, DNase, DNA and pyrogen free
- Sterile: RNase, DNase, DNA, bioburden, PCR inhibitor and pyrogen free



| Cat. No.                  | Description  | Quantity |
|---------------------------|--|----------|
| <b>Volume: 0-1000uL</b>   |  |          |
| 02-681-161                | Length: 3.4 in., combo; Natural; Stack rack, 3 × 200 | 600/PK   |
| <b>Volume: 200-1000uL</b> |  |          |
| 02-681-160                | Length: 3.43 in.; Natural; Bulk Pack                 | 750/PK   |

## Fisherbrand™ Standardization Pipette Tips: 200–1300µL

- Soft pliable tip collar allows this tip to fit on pipettes made by various manufacturers
- Lower cost and increased convenience by purchasing fewer products
- Available in a variety of packaging options
- Eliminate the need to buy pipette-specific tips
- Certified by independent laboratory
- Nonsterile: RNase, DNase, DNA and pyrogen free
- Sterile: RNase, DNase, DNA, bioburden, PCR inhibitor and pyrogen free



| Cat. No.                  | Description  | Quantity |
|---------------------------|--|----------|
| <b>Volume: 200-1300uL</b> |  |          |
| 02-681-172                | Length: 3.13 in.; Blue; Bulk Pack                        | 1000/PK  |
| 02-681-173                | Length: 3.13 in.; Blue; 10 racks of 100                  | 1000/PK  |
| 02-681-176                | Length: 3.13 in.; Natural; Lift-Off Rack; 10 × 100       | 1000/PK  |
| 02-681-177                | Length: 3.13 in.; Natural; Lift-off Rack, Sterile        | 1000/PK  |
| 22-023-350                | Length: 3.13 in.; Natural; Bulk pack                     | 1000/PK  |
| 22-282-202                | Length: 3.13 in.; Blue; Lift-off rack, sterile, 10 × 100 | 1000/PK  |

## Fisherbrand™ SureOne Beveled Pipet Tips, Universal Fit: 1-200µL

- All racked sterile tips are shrink wrapped and certified free of RNase, DNase, ATP, pyrogen, bioburden, PCR inhibitors, endotoxin, and DNA
- All nonsterile racked and bulk nonfiltered tips are certified free of RNase, DNase, and DNA

| Cat. No.      | Description                                     | Quantity |
|---------------|---|----------|
| <b>Clear</b>  |   |          |
| 02-707-418    | Nonsterile; Hinged Rack; Packaging: HR, 10 × 96 | 960/PK   |
| 02-707-419    | Sterile; Hinged Rack; Packaging: HRS, 10 × 96   | 960/PK   |
| <b>Yellow</b> |   |          |
| 02-707-421    | Nonsterile; Hinged Rack; Packaging: BP          | 960/PK   |
| 02-707-422    | Sterile; Hinged Rack; Packaging: HRS, 10 × 96   | 960/PK   |
| 02-707-423    | Nonsterile; Hinged Rack; Packaging: RD, 10 × 96 | 960/PK   |

## Fisherbrand™ SureOne Beveled Pipette Tips, Universal Fit: 1-200µL

- All racked sterile tips are shrink wrapped and certified free of RNase, DNase, ATP, pyrogen, bioburden, PCR inhibitors, endotoxin, and DNA
- All nonsterile racked and bulk nonfiltered tips are certified free of RNase, DNase, and DNA



| Cat. No.      | Description  | Quantity |
|---------------|--|----------|
| <b>Clear</b>  |  |          |
| 02-707-415    | Nonsterile; Hinged Rack; Packaging: HR, 10 × 96            | 960/PK   |
| 02-707-417    | Nonsterile; Packaging: RD, 10 × 96                         | 960/PK   |
| 02-707-449    | Nonsterile; Packaging: BP                                  | 1000/PK  |
| 02-707-450    | Nonsterile; Packaging: BP                                  | 1000/PK  |
| <b>Yellow</b> |  |          |
| 02-707-412    | Nonsterile; Hinged Rack; Graduations: at 10, 50, and 100uL | 960/PK   |
| 02-707-413    | Sterile; Hinged Rack; Packaging: HR, 10 × 96               | 960/PK   |
| 02-707-414    | Nonsterile; Packaging: RD, 10 × 96                         | 960/PK   |
| 02-707-448    | Nonsterile; Packaging: BP                                  | 1000/PK  |
| 02-707-451    | Nonsterile; Packaging: BP                                  | 1000/PK  |

## Fisherbrand™ SureOne™ Micropoint Pipet Tips, Universal Fit

- All racked sterile tips are shrink wrapped and certified free of RNase, DNase, ATP, pyrogen, bioburden, PCR inhibitors and endotoxin and DNA
- All nonsterile racked and bulk nonfiltered tips are certified free of RNase, DNase and DNA



### SureOne Rack Features

- Flush Fit Inserts sit flush with rack, allowing easy multichannel pipetting
- Recycle Logo molded into all rack components
- Notched clasp props lid open for autoclave venting
- Sure Stack lid rim prevents racks from sliding around when stacked and carted around a lab
- Safe-Lock latch allows for one-handed open and closing ability and won't pop open when dropped
- Sure-snap design securely holds insert in place, preventing it from being lifted out while pipetting
- Reversible flip-lid can be either a hinged or lift-off lid; hinged format does not prevent use of a multichannel pipet

### SureOne Insert Features

- Inserts are easy to place onto and remove from rack; clip onto rack for a secure fit
- Lot traceable—all inserts contain the Fisherbrand part number, tip volume, lot number
- Indented insert holes inhibit tip movement, stabilizing them for multichannel work
- Contact Clip prevents unnecessary contact with the tips while clipping in inserts
- Multichannel design; all inserts are 96-well format
- Robust non-pliable design provides secure seals on every tip

### SureOne Reload Packaging Features

- Product information displayed on box
- Dust Flap prevents debris from contaminating the product
- Finger Knockouts allow easy access to slide out product
- Canyon Cut Package allows for easy tip insert removal
- Reload packaging design saves 58% bench space vs. racked packaging; reduces plastic waste by 52%

| Cat. No.             | Description   | Quantity |
|----------------------|---|----------|
| <b>0.1 to 10uL</b>   |   |          |
| 02-707-438           | 0.1 to 10uL, Micropoint, Graduated at 2uL, Clear, Reload, 10 x 96 tips/tray     | 960/PK   |
| 02-707-455           | Micropoint, Graduated at 2.5uL, Extended length, Clear, Bulk, 1000 tips/bag     | 1000/PK  |
| <b>100 to 1250uL</b> |   |          |
| 02-707-400           | Graduated at 100, 200, 500, 1000uL; Bulk  | 1000/PK  |
| 02-707-405           | Micropoint, Graduated at 100, 200, 500, 1000uL, Blue, Bulk, 1000 tips/bag       | 1000/PK  |
| 02-707-406           | Micropoint, Graduated at 100, 200, 500, 1000uL, Blue, Racked, 10 x 96 tips/tray | 960/PK   |
| <b>5 to 300uL</b>    |   |          |
| 02-707-410           | Beveled tip, Clear, Racked Sterile, 10 x 96 tips/tray                           | 960/PK   |
| <b>Clear</b>         |   |          |
| 02-707-416           | Sterile; Hinged Rack; Packaging: HRS, 10 x 96                                   | 960/PK   |
| 02-707-420           | Nonsterile; Hinged Rack; Packaging: RD, 10 x 96                                 | 960/PK   |

## Fisherbrand™ SureOne™ Thin Wall Micropoint Pipet Tips, Universal Fit

- All racked sterile tips are shrink wrapped and certified free of RNase, DNase, ATP, pyrogen, bioburden, PCR inhibitors and endotoxin and DNA
- All nonsterile racked and bulk nonfiltered tips are certified free of RNase, DNase, and DNA
- Volume: 1-200µL
- Overall Length: 2"



### SureOne Rack Features

- Flush Fit Inserts sit flush with rack, allowing easy multichannel pipetting
- Recycle Logo molded into all rack components
- Notched clasp props lid open for autoclave venting
- Sure Stack lid rim prevents racks from sliding around when stacked and carted around a lab
- Safe-Lock latch allows for one-handed open and closing ability and won't pop open when dropped
- Sure-snap design securely holds insert in place, preventing it from being lifted out while pipetting
- Reversible flip-lid can be either a hinged or lift-off lid; hinged format does not prevent use of a multichannel pipet

### SureOne Insert Features

- Inserts are easy to place onto and remove from rack; clip onto rack for a secure fit
- Lot traceable—all inserts contain the Fisherbrand part number, tip volume, lot number
- Indented insert holes inhibit tip movement, stabilizing them for multichannel work
- Contact Clip prevents unnecessary contact with the tips while clipping in inserts
- Multichannel design; all inserts are 96-well format
- Robust non-pliable design provides secure seals on every tip

### SureOne Reload Packaging Features

- Product information displayed on box
- Dust Flap prevents debris from contaminating the product
- Finger Knockouts allow easy access to slide out product
- Canyon Cut Package allows for easy tip insert removal
- Reload packaging design saves 58% bench space vs. racked packaging; reduces plastic waste by 52%

| Cat. No.       | Description | Quantity |
|----------------|-------------|----------|
| <b>Natural</b> |             |          |
| 02-707-446     | BP          | 1000/PK  |
| <b>Yellow</b>  |             |          |
| 02-707-429     | RD, 10 x 96 | 960/PK   |

## Reservoirs and Reservoir Liners

## Plastic Reservoirs and Reservoir Liners

## Costar™ Sterile Disposable Reagent Reservoirs

- Manufactured from modified polystyrene
- Bottom of reservoirs slope into a rounded bottom point to use all solvent present
- 50mL: 51L × 27W × 11"H (145 × 70 × 28mm), color: opaque
- 100mL: 57L × 33W × 35"H (145 × 85 × 35mm), color: white Accommodate 1-, 8-, or 12-channel pipettors
- Individual or bulk packaging



| Cat. No.     | Description         | Quantity |
|--------------|---------------------|----------|
| <b>100mL</b> |                     |          |
| 07-200-129   | White; Bulk (5/bag) | 200/CS   |

## Fisherbrand™ Disposable Divided Well Pipette Basins

- Easy-pour corners for quick disposal of excess sample solution
- Gamma-irradiated sterilized basins
- Packaged in easy-to-open bags to reduce contamination risks

| Cat. No.       | Description                   | Quantity |
|----------------|-------------------------------|----------|
| <b>Divided</b> |                               |          |
| 13-681-505     | Individually wrapped; Sterile | 50/CS    |
| 13-681-506     | Bulk packaged; Sterile        | 100/CS   |
| 13-681-507     | Bulk packaged; Non-sterile    | 100/CS   |

## Fisherbrand™ Disposable Pipette Basin Lids



For 50mL pipette basins, see 13-681-500

| Cat. No.   | Description  | Quantity |
|------------|--|----------|
| 13-681-503 | Lid for Disposable Pipet Basin (50mL), APET, Sterile, Individually Wrapped | 20/CS    |

## Fisherbrand™ Disposable Pipette Basins

- Easy-pour corners for quick disposal of excess sample solution
- Gamma-irradiated sterilized basins
- Packaged in easy-to-open bags to reduce contamination risks



| Cat. No.          | Description                             | Quantity |
|-------------------|---|----------|
| <b>100mL</b>      |   |          |
| 13-681-504        | Polystyrene; Sterile; Bulk Pk.          | 200/CS   |
| <b>50mL</b>       |   |          |
| 13-681-500        | PVC; Nonsterile; Bulk Pk.               | 100/CS   |
| 13-681-501        | Polystyrene; Sterile; Individual bagged | 80/CS    |
| 13-681-502        | Polystyrene; Sterile; Bulk Pk.          | 200/CS   |
| <b>Well Pipet</b> |   |          |
| 13-681-508        | 25mL; Individually bagged               | 50/CS    |
| 13-681-509        | 25mL; 10/Bag                            | 100/CS   |

## Rulers

## Fisherbrand™ Traceable™ Digital Calipers

- 0.33" (0.84cm) high digital display
- Durable hardened steel
- Resolution: 0.0005" or 0.01mm
- Accuracy: ±0.001" or ±0.03mm



| Cat. No.                    | Description                       | Quantity |
|-----------------------------|-----------------------------------|----------|
| <b>Readings: 0 to 150mm</b> |                                   |          |
| 14-648-17                   | Dimensions: 22.8 × 7.62cm; 0.14kg | 1/EA     |

## Sample Cups

## Fisherbrand™ Nesting Sample Cups

- Polystyrene cup
- Reduces operator error as allows for use of analyzers bar coding/primary tube sampling system
- Lower shoulder height eliminates mechanical jamming



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 22-363-150 | 1mL         | 1000/PK  |
| 22-363-151 | 2mL         | 1000/PK  |

## Samplers

## Liquid Samplers

## Bel-Art™ Scienceware™ Economy Dipper Cup, Screw-on

- Two pouring spouts on cup allow left or right pouring
- Autoclavable
- Thread on 500ml (16oz) polypropylene cups can be exchanged to reduce cross contamination

| Cat. No.   | Description              | Quantity |
|------------|--------------------------|----------|
| 03-410-811 | Replaceable screw-on cup | 1/EA     |

## Bel-Art™ Scienceware™ Economy Dippers

- Lightweight and portable
- Thread on 500mL (16 oz.) polypropylene cup can be exchanged to reduce cross contamination
- Two pouring spouts on cup allow left or right pouring
- High-density polyethylene plastic handles are strong honeycomb tubes without inserts and are ribbed for sure grip
- Handle end has a hook for hanging storage
- Available in two sizes: Dipper with 91cm (3 ft.) handle and Dipper with 183cm (6 ft.) handle



| Cat. No.   | Description               | Quantity |
|------------|---------------------------|----------|
| 03-410-809 | With 91cm (3 ft.) handle  | 1/EA     |
| 03-410-810 | With 183cm (6 ft.) handle | 1/EA     |

## Bel-Art™ Scienceware™ Long-Handled Dippers

- High-density polyethylene dippers will not rust or corrode
- Provide excellent chemical resistance
- Handle is welded to the rigid bowl at a 45° angle
- End of the handle has a hook for hanging
- Handle diameter: 1.13 in. (29mm)



| Cat. No.   | Description  | Quantity |
|------------|--|----------|
| 22-111-153 | 500mL (16oz.) Bowl with 3.7m (3ft) 1-Piece Handle    | 1/EA     |
| 22-111-526 | 500mL (16oz.) Bowl with 1.8m (6ft) 1-piece handle    | 1/EA     |
| 22-163-790 | 500mL (16oz.) Bowl with 3.7m (12ft), 2-Piece Handle  | 1/EA     |
| 22-261-570 | 1000mL (32oz.) Bowl with 1.8m (6ft) 1-piece handle   | 1/EA     |
| 22-261-571 | 1000mL (32oz.) Bowl with 3.7m (12ft), 2-Piece Handle | 1/EA     |
| 22-261-572 | 500mL (16oz.) Bowl with 3.7m (12ft) 1-piece handle   | 1/EA     |

### Skin Cleansers and Protection Products

#### Skin Cleansing Solutions and Pads

## BD™ Persist™ Skin Prep Swabs

- 10% PVP-I and 70% alcohol
- Provides up to seven days of antimicrobial efficacy under an occlusive dressing
- Lays the foundation for IV catheter start
- Dries in less than a minute



| Cat. No.   | Description               | Quantity |
|------------|---------------------------|----------|
| 22-265-644 | 10% PVP-I and 70% alcohol | 500/CS   |

## PDI™ Alcohol Prep Pads

- Used to comply with current FDA regulations
- Contain 70% Isopropyl Alcohol
- Provide optimal absorbency for scrubbing and cleansing
- Packed 200 per box



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 23-501-711 | 2 × 2 in.   | 200/PK   |

## Purdue Products Betadine Surgical Scrub



| Cat. No.  | Description      | Quantity |
|-----------|------------------|----------|
| 19-027132 | 16 oz. (473.1mL) | 1/EA     |

### Soaps and Sanitizers

## Decon™ Bacdown™ Hand Soap

- Formulated specifically for laboratory personnel who wash hands repeatedly and cannot afford dry, chapped skin
- Uses the active ingredient triclosan
- Will not dry skin



| Cat. No.         | Description | Quantity |
|------------------|-------------|----------|
| <i>Hand soap</i> |             |          |
| 04-355-16        | 34 oz. (1L) | 1/EA     |

## Thermo Scientific™ AlcoSCRUB™ Instant Antiseptic Hand Cleanser

- Meets CDC guidelines
- Designed for use when soap and water are not available to supplement regular hand washing
- Formulated with emollients to be gentle on skin
- No water or towel needed



| Cat. No.  | Description                | Quantity |
|-----------|----------------------------|----------|
| 14-379-31 | 16 oz. (473mL) Pump Bottle | 1/EA     |

### Spatulas [General Purpose]

## Bel-Art™ Scienceware™ Polypropylene Policeman

- Diameter 4.7mm (0.188")
- Length 20.3cm (8")
- Steam autoclavable at 121°C (250°F) for reuse without fear of sample contamination



| Cat. No.  | Description              | Quantity |
|-----------|--------------------------|----------|
| 22-261768 | Policeman, Polypropylene | 6/PK     |

## Fisherbrand™ Spoonulet™ Lab Spoon

- Polished stainless steel
- Spoon end: 1.25L × 0.56"W (32 × 14mm)
- Spatula end: 2L × 0.31"W (51 × 7.9mm)



| Cat. No.         | Description      | Quantity |
|------------------|------------------|----------|
| <i>Lab spoon</i> |                  |          |
| 14-375-20        | Length: 7.25 in. | 1/EA     |

### Specimen Collection

#### 24 Hour Urine Containers

## Fisherbrand™ 24-Hour Urine Container

- Amber colored for light filtration
- Plastic cap has an extra-thick liner to prevent leakage
- Inert to normal preservatives



| Cat. No.                       | Description | Quantity |
|--------------------------------|-------------|----------|
| <i>3000mL graduation range</i> |             |          |
| 14-375-248                     | 40/cs.      | 40/CS    |



## Fisherbrand™ SAFE-D-Spense™ 24-Hour Urine Container

- Improved engravings and new cap assure precise measuring and dispensing of urine samples
- Precision-made, fine pour spout allows for transferring small quantities of sample into small containers
- Captive spout cap prevents cross-contamination and cap loss
- Amber color for UV protection
- 3000mL capacity



| Cat. No.     | Description       | Quantity |
|--------------|-------------------|----------|
| <i>Amber</i> |                   |          |
| 02-540-32    | 3000mL; Graduated | 40/CS    |

### Blood Tube Holders

## BD Vacutainer™ Tube Holder

- Compatible with the entire BD Vacutainer system of blood collection products
- Standard size, clear
- Non-sterile
- Clear
- Single use, non-stackable
- Latex free



| Cat. No.           | Description          | Quantity |
|--------------------|----------------------|----------|
| <i>Tube Holder</i> |                      |          |
| 22-289-953         | Standard Size; Clear | 1000/CS  |

### Brushes and Scrapers for Endocervical Specimen Collection

## Fisherbrand™ Cervex-Brush™ Cervical Cell Sampler

- By inserting into the cervical canal and rotating once or twice while applying light pressure, the sampler collects endocervical, ectocervical and T-zone cells
- Enhances specimen-to-slide transfer
- Soft, flexible polyethylene bristles provide enhanced pressure control and prevent internal injury, which can result in smears obscured by blood during sampling



| Cat. No.  | Description       | Quantity |
|-----------|-------------------|----------|
| 14-372-53 | 8 in. long (20cm) | 50/PK    |

## Fisherbrand™ Cervex-Brush™ Combination

- Single-collection device combines the features of the Cervex-Brush (14-372-53) and EndoCervex™ Brush-S (14-560-101)
- Longer middle hairs of the EndoCervex have been replaced by a complete endocervical sampler
- Maximizes simultaneous collection of ectocervical and endocervical cells in all patients
- Requires only two full clockwise turns
- Enhances specimen-to-slide transfer



| Cat. No.   | Description              | Quantity |
|------------|--------------------------|----------|
| 14-560-100 | Cervex-Brush Combination | 50/PK    |

### Capillary Blood Collection Tubes

## BD Microtainer™ Capillary Blood Collector and BD Microgard™ Closure

- Designed to minimize sample contact and improve mixing
- "Twist assist" feature allows controlled closure removal; snap-lock fit assures complete seal
- Color-coded closures for accurate tube selection
- 8mm dia. for easy probe and pipet access; integral collector eliminates need for assembly
- Marked with fill lines, lot numbers and expiration date
- Holds 250 to 500µL of blood



### Extender

- (optional) facilitates labeling and handling

| Cat. No.                                | Description | Quantity |
|---|-------------|----------|
| <i>Type: Dipotassium EDTA, Beadless</i> |             |          |
| 02-669-33                               | 50/Pk.      | 50/PK    |

## BD Vacutainer™ Collection Tube

- Wider-diameter BD Microtainer Tube
- BD Microgard™ closure for safety
- Color coded to match the array of BD Vacutainer evacuated blood collection tubes
- With sodium fluoride and sodium-EDTA added
- Volume: 400 to 600µl
- Color: gray



| Cat. No.    | Description  | Quantity |
|-------------|--------------|----------|
| <i>Gray</i> |              |          |
| 02-683-45   | 400 to 600uL | 200/CS   |

## Greiner Bio-One VACUETTE™ MiniCollect™ Capillary Blood Collection System Tubes

- Suitable for collection, transport, and processing of capillary blood collected by lancet stick
- Use with samples from infants, toddlers, children, geriatric patients, and intensive care patients
- Tubes feature closure that acts as a valve, allowing appropriate capillary or funnel to be inserted without removing the cap
- Fit into a 13 × 75mm carrier tube to facilitate bar code labeling, centrifugation, and storage
- Tubes with gel contain an inert barrier on the bottom that moves upward to form a stable barrier between the clot/cells and serum/plasma during centrifugation and transport
- All tubes require MiniCollect funnel or capillary collection device (sold separately)



| Cat. No.                 | Description                             | Quantity |
|--------------------------|---|----------|
| <b>Additive: K2 EDTA</b> |   |          |
| 22-040-200               | Cap color: Lavender; Fill volume: 0.5mL | 100/PK   |

### DOA Specimen Collection Supplies

## Fisherbrand™ 60mL DOA Temp-Strip Urine Specimen Containers

- Sterile and nonsterile indicator tab helps assure product sterility and tamper evidence protection before use
- Bio-Tite™ cap is dual-threaded for a leak-resistant seal
- 100% Virgin medical-grade polypropylene for high clarity
- Nonsterile label reads "Sealed for protection"; Sterile reads "Sterile, tighten the cap securely"
- White cap



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 22-610-130 | Nonsterile  | 500/CS   |
| 22-610-131 | Sterile     | 500/CS   |

### Evacuated Blood Tubes

## BD Vacutainer™ Glass Blood Collection Tubes with K<sub>3</sub> EDTA

- Blood is drawn directly from the vein into the evacuated sterile collection tubes
- Only one venipuncture is needed to draw multiple samples
- Tubes can be changed while needle and plastic holder remain in place on patient's arm
- Closures are red for easy identification



| Cat. No.           | Description                               | Quantity |
|--------------------|---|----------|
| <b>Volume: 7mL</b> |   |          |
| 02-685-2B          | 13 × 100mm; Lavender conventional closure | 100/PK   |

## BD Vacutainer™ Plastic Blood Collection Tubes No Additives: Hemogard

- Blood is drawn directly from the vein into the evacuated sterile collection tubes
- Only one venipuncture is needed to draw multiple samples
- Tubes can be changed while needle and plastic holder remain in place on patient's arm
- Closures are red for easy identification



| Cat. No.          | Description          | Quantity |
|-------------------|----------------------|----------|
| <b>13 × 100mm</b> |                      |          |
| 23-021-010        | 6mL; Clear; Hemogard | 100/PK   |

## BD Vacutainer™ Plastic Blood Collection Tubes with Fluoride: Hemogard

- Blood is drawn directly from the vein into the evacuated sterile collection tubes
- Only one venipuncture is needed to draw multiple samples
- Tubes can be changed while needle and plastic holder remain in place on patient's arm
- Closures are gray



| Cat. No.   | Description                      | Quantity |
|--|----------------------------------|----------|
| <b>Potassium oxalate (12mg)/Sodium fluoride (15mg)</b> |                                  |          |
| 02-688-48  | 13 × 75mm; 6mL; Hemogard closure | 100/PK   |

## BD Vacutainer™ Plastic Blood Collection Tubes with K<sub>2</sub>EDTA: Hemogard™ Closure

- Tubes with spray-coated K<sub>2</sub>EDTA, the anticoagulant of choice in specimen collection and cell blood counting
- Requires eight to ten inversions for thorough mixing of blood and anticoagulant
- Plastic tubes offer a safer alternative to glass, are virtually break-resistant, and can be incinerated
- Tubes marked as Best Practice Formulary meet demanding requirements of complex diagnostic instruments and current clinical guidelines
- With Hemogard tube closure that prevents human contact with blood on the stopper or tube rim



| Cat. No.               | Description   | Quantity |
|------------------------|---|----------|
| <b>K2 EDTA, 10.8mg</b> |   |          |
| 02-683-99D             | 13 × 100mm; 6mL; Paper label; Hemogard closure            | 100/PK   |
| 13-680-61              | 13 × 100mm; 6mL; Pink; Crossmatch label; Hemogard closure | 100/PK   |

## BD Vacutainer™ Plastic Blood Collection Tubes with K<sub>2</sub>EDTA: Tube Stopper

- Tubes with spray-coated K<sub>2</sub>EDTA, the anticoagulant of choice in specimen collection and cell blood counting
- Requires eight to ten inversions for thorough mixing of blood and anticoagulant
- Plastic tubes offer a safer alternative to glass, are virtually break-resistant, and can be incinerated
- Tubes marked as Best Practice Formulary meet demanding requirements of complex diagnostic instruments and current clinical guidelines
- With conventional tube stopper



| Cat. No.                         | Description                                       | Quantity |
|----------------------------------|---|----------|
| <b>K<sub>2</sub> EDTA, 7.2mg</b> |   |          |
| 02-689-4                         | 13 x 75mm; 4mL; Paper label; Conventional closure | 100/PK   |

## BD Vacutainer™ Plastic Blood Collection Tubes with Lithium Heparin: Hemogard

- Made of polyethylene terephthalate (PET)
- Provide a safer work environment for all personnel by (1) reducing risk of tube breakage during handling; (2) eliminating breakage when tubes are centrifuged at higher speeds; and (3) eliminating breakage or chipping of tube rims when stopper is removed and reinserted
- In addition to reducing potential injuries, fewer tube breakages result in less workflow interruption and fewer patient redraws, providing smoother day-to-day operation



| Cat. No.                        | Description  | Quantity |
|---------------------------------|--|----------|
| <b>Lithium heparin (90 USP)</b> |  |          |
| 02-687-97                       | Hemogard closure; Size: 13 x 100mm; Draw: 6mL; Paper label | 100/PK   |

## BD Vacutainer™ Venous Blood Collection Tubes: Vacutainer Plus™ Plastic Serum Tubes, Silicone-Coated, with Hemogard Closure

- Sterile vacuum blood collection tubes for serum determination
- Spray-coated silica interior
- With Hemogard™ tube closure, which prevents human contact with blood on the stopper or tube rim



| Cat. No.       | Description  | Quantity |
|----------------|--|----------|
| <b>Plastic</b> |  |          |
| 02-685-111     | Silicone coated; 13 x 75mm; Capacity: 4mL; Paper label; Hemogard | 100/PK   |

## Greiner Bio-One VACUETTE™ Hematology K<sub>3</sub> EDTA Evacuated Tubes

- Polyethylene terephthalate
- Clear as glass with equal or better performance
- Molded to be virtually unbreakable, providing a better level of safety than glass
- Tubes have an 18-month shelf life from the date of manufacture
- Safety Twist Caps can be removed and replaced several times
- Nonscrew Safety Pull Caps can be removed with a gentle pull



| Cat. No.                       | Description | Quantity |
|--------------------------------|-------------|----------|
| <b>Lavender Safetypull cap</b> |             |          |
| 22-040-035                     | 3mL         | 50/PK    |

## Greiner Bio-One VACUETTE™ K<sub>2</sub>EDTA GelTubes

- For detection of viruses, parasites and bacteria
- interior is spray dried with 1.8mg of anhydrous EDTA per 1mL of blood when tube is appropriately filled
- Clear as glass with equal or better performance
- Molded to be virtually unbreakable, providing a better level of safety than glass
- Tubes should be centrifuged within six hours following blood collection
- Nonscrew Safety Pull Caps can be removed with a gentle pull



| Cat. No.                       | Description | Quantity |
|--------------------------------|-------------|----------|
| <b>Closure Color: Lavender</b> |             |          |
| 22-040-67                      | Volume: 8mL | 50/PK    |

## Greiner Bio-One VACUETTE™ Serum Clot Activator Tubes

- Coated with micronized silica particles which activate clotting when tubes are gently inverted
- Clear as glass with equal or better performance
- Molded to be virtually unbreakable, providing a better level of safety than glass
- Tubes have an 18-month shelf life from the date of manufacture
- Pediatric tubes come with white rings for quick identification
- Safety Twist Caps can be removed and replaced several times
- Nonscrew caps can be removed and replaced as often as required



| Cat. No.                   | Description   | Quantity |
|----------------------------|---|----------|
| <b>With Clot Activator</b> |   |          |
| 22-040-008                 | 13 x 75mm; Cap: Red with black ring; Closure: Non-ridged pull cap; Volume: 4mL  | 50/PK    |
| 22-040-074                 | 13 x 100mm; Cap: Red with black ring; Closure: Non-ridged pull cap; Volume: 6mL | 50/PK    |

## Greiner Bio-One VACUETTE™ Serum Tubes: Clot Activator with Gel Separator

- Coated with micronized silica particles which activate clotting when tubes are gently inverted
- Tubes with gel contain a barrier gel on the tube bottom that during centrifugation moves upward to the serum-clot interface to form a stable barrier, separating serum from cells
- Clear as glass with equal or better performance
- Molded to be virtually unbreakable, providing a better level of safety than glass
- Tubes have an 18-month shelf life from the date of manufacture
- Pediatric tubes come with white rings for quick identification
- Safety Twist Caps can be removed and replaced several times
- Nonscrew caps can be removed and replaced as often as required



| Cat. No.                                  | Description   | Quantity |
|---|---|----------|
| <i>With Clot Activator, Gel Separator</i> |   |          |
| 22-040-308                                | 13 × 100mm; Cap: Gold with gold ring; Closure: Non-ridged pull cap; Volume: 5mL | 50/PK    |

## Greiner™ Vacuette™ Hematology K2 EDTA Evacuated Tubes

- Tube material: Polyethylene terephthalate
- Cap color/ring color: lavender/black/yellow



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 22-040-093 | 3mL         | 50/PK    |
| 22-040-095 | 4mL         | 50/PK    |

### ID Bracelets for Blood Collection

## Fisherbrand™ Securline™ Blood Bands

- An efficient device for crossmatching blood type for transfusion
- Large labels feature easy-to-read, white information area, pre-printed serial numbers and "carbonless copy" underneath
- Labels are removed from the band and adhered to draw tubes, units of blood, other specimen tubes or paperwork
- Match the serial numbered label on the unit of blood with the patient's blood band before transfusion to prevent fatal errors



| Cat. No.  | Description | Quantity |
|-----------|-------------|----------|
| 14-905-19 | Red         | 10/PK    |
| 14-905-21 | Yellow      | 10/PK    |
| 14-905-22 | Green       | 10/PK    |

### Microbiological Specimen Collection and Transport Systems

## Fisherbrand™ Swab/Tube Applicators

- Sterile, disposable and compact
- Protect specimens from contamination
- Tested for microbial compatibility



| Cat. No.           | Description              | Quantity |
|--------------------|--------------------------|----------|
| <i>Double swab</i> |                          |          |
| 22-363-583         | Cotton tip; Screw cap    | 200/PK   |
| <i>Single swab</i> |                          |          |
| 22-363-581         | Cotton tip; Screw cap    | 200/PK   |
| 22-363-584         | Cotton tip; Friction cap | 200/PK   |
| 22-363-585         | Polyester tip; Screw cap | 200/PK   |

## Fisherfinest™ Transport Swabs

- Lot number and expiration date printed on tube labels
- Swabs are tipped with inert, nontoxic rayon
- Color-coded caps
- Gamma radiation sterilized



### Modified Liquid Stuarts

- Provide excellent recovery in routine bacteriology and are compatible with gram stain and many rapid screening methods
- Swabs are tipped with inert, nontoxic rayon

### Multicollection and Transport Swabs

- Complete collection and transportation system for viruses, chlamydia, mycoplasma and ureaplasma
- Glass beads provide extra surface area for cell adhesion and facilitate spreading of the specimen in subsequent culturing
- Scored Dacron™ (polyester)-tipped swab breaks off cleanly at the right length inside the tube
- Cap automatically engages swab shaft on closing and holds it tightly on reopening
- Approved for storage at room temperature for up to one year prior to use

### Anaerobic Transport System

- Self-contained, sterile, ready-to-use system
- Includes a glass tube containing a semisolid, prerduced transport medium
- Medium indicator turns lavender if the anaerobic system has been compromised
- Cap contains a pierceable, nonlatex stopper for injecting fluids
- Scored swab breaks easily to fit in the tube

| Cat. No.                           | Description                         | Quantity |
|------------------------------------|-------------------------------------|----------|
| <b>Amies Charcoal</b>              |                                     |          |
| 14-907-16                          | Single swab; Black cap              | 50/PK    |
| 14-907-18                          | Style: short wire; Orange cap       | 50/PK    |
| <b>Amies Clear</b>                 |                                     |          |
| 14-907-12                          | Single swab; Blue Cap               | 50/PK    |
| 14-907-13                          | Double swab; Blue cap               | 50/PK    |
| 14-907-14                          | Style: wire; Orange cap             | 50/PK    |
| 14-907-15                          | Style: flexible wire; Yellow cap    | 50/PK    |
| 14-907-17                          | Double swab; White cap              | 50/PK    |
| 14-907-26                          | Style: Double Rayon swab; Black Cap | 10/PK    |
| <b>Liquid Amies</b>                |                                     |          |
| 14-907-23                          | Single swab; White Cap              | 50/PK    |
| 14-907-24                          | Double swab; Red Cap                | 50/PK    |
| 14-907-25                          | Style: wire; Orange cap             | 50/PK    |
| <b>Liquid Stuarts</b>              |                                     |          |
| 14-907-20                          | Single swab; White cap              | 50/PK    |
| 14-907-21                          | Double swab; Red Cap                | 50/PK    |
| 14-907-22                          | Style: wire; Green cap              | 50/PK    |
| <b>Medium: none</b>                |                                     |          |
| 14-907-10                          | Style: single; White cap            | 100/PK   |
| 14-907-11                          | Style: double; White cap            | 100/PK   |
| <b>Multi-collection, transport</b> |                                     |          |
| 14-907-27                          | Style: single, female; Blue cap     | 100/CS   |

## Microhematocrit Tubes

### Fisherbrand™ Microhematocrit Capillary Tubes

- Ends can be sealed by sealing clay or flame
- Manufactured from low-taper, soft glass
- Red band on tube indicates heparinization; blue band indicates nonheparinized tube
- Interior surface of heparinized tubes is evenly coated with ammonium heparin (4 to 7 USP units), which will not interfere with sodium determination
- Taper does not exceed 0.0254mm in 75mm
- Available plain or heparinized with not less than 2 USP units of ammonium heparinate
- Color-coded tube tips and labels
- Packaged in Fisher Scientific™ shaker-top vials for ease in dispensing



| Cat. No.           | Description         | Quantity |
|--------------------|---------------------|----------|
| <b>Heparinized</b> |                     |          |
| 22-362-566         | Red; Tube capillary | 200/PK   |
| <b>Plain</b>       |                     |          |
| 22-362-574         | Blue                | 200/PK   |

## Serum Filters for Blood Collection

### Fisherbrand™ Dispense + Serum Filter

- One-step, self-contained filtration, dispensing and storage device used to deliver centrifuged serum or plasma
- Restricted opening acts as a cap closure
- Use with plastic collection tubes



| Cat. No.   | Description                    | Quantity |
|------------|--------------------------------|----------|
| 22-267-383 | Dispense+ Serum Sep 13mm 100pk | 100/PK   |

### Fisherbrand™ DISPENSE Filter System

- All-inclusive “closed” filtration system with a combination filter, transfer pipet, and cap
- Filters fibrin and gel particulates, dispenses serum or plasma, prevents evaporation, and helps protect ISE systems
- All-in-one system maintains sample integrity and eliminates transfer error
- Dispense minute or large amounts of sample without transfer pipets or add-on products
- Ideal for dispensing samples for instrumentation, pour-off or other use
- Use with glass collection tubes



| Cat. No.   | Description       | Quantity |
|------------|-------------------|----------|
| 22-288-430 | Plunger dia. 16mm | 100/PK   |
| 22-288-431 | Plunger dia. 13mm | 100/PK   |

## Fisherbrand™ IB™ Model Serum Filters

- One-way valve permits a physical gap to be created between the serum/plasma and clot, and prevents backflow into the primary collection tube
- Use with glass or plastic collection tubes
- Technique reduces second centrifugation, tube labeling and sample preparation time
- Allows direct sampling into automatic laboratory equipment
- Eliminates fibrin, particulate matter and equipment downtime



| Cat. No.                        | Description            | Quantity |
|---------------------------------|------------------------|----------|
| <b>Diameter: 0.5 in. (13mm)</b> |                        |          |
| 02-681-65                       | Length: 2.75 in. (7cm) | 100/PK   |
| 02-681-66                       | Length: 4 in. (10cm)   | 100/PK   |
| <b>Diameter: 0.6 in. (16mm)</b> |                        |          |
| 02-681-62                       | Length: 2.75 in. (7cm) | 100/PK   |
| 02-681-63                       | Length: 4 in. (10cm)   | 100/PK   |
| 02-681-64                       | L: 6 in.               | 100/PK   |
| 22-267-398                      | L: 1.5 in.             | 100/PK   |

## Fisherbrand™ Standard Serum Filters

- Standard model is similar to Fisherbrand™ IB™ model, but without the one-way valve
- Use only with glass collection tubes
- Technique reduces second centrifugation, tube labeling and sample preparation time
- Allows direct sampling into automatic laboratory equipment
- Eliminates fibrin, particulate matter and equipment downtime



| Cat. No.                    | Description             | Quantity |
|-----------------------------|-------------------------|----------|
| <b>Length: 2 in. (5cm)</b>  |                         |          |
| 02-681-58                   | O.D.: 0.4 in. (10.25mm) | 100/PK   |
| <b>Length: 2.75 in.</b>     |                         |          |
| 02-681-54                   | O.D.: 16mm              | 100/PK   |
| <b>Length: 4 in. (10cm)</b> |                         |          |
| 02-681-50                   | O.D.: 0.5 in. (13mm)    | 100/PK   |
| 02-681-51                   | O.D.: 0.6 in. (16mm)    | 100/PK   |
| 02-681-53                   | O.D.: 0.4 in. (10.25mm) | 100/PK   |
| <b>Length: 6 in.</b>        |                         |          |
| 02-681-52                   | O.D.: 16mm              | 100/PK   |

## Sputum Specimen Collection

### Fisherbrand™ Sputum Collection System

- Preassembled sterile unit comes wrapped in a polyethylene bag and consists of an extra-wide funnel, removable lid, screw cap, identification label, graduated 50mL collection tube and base unit
- Constructed of heavy-duty polypropylene
- All parts are easily disassembled
- Disposable



| Cat. No.  | Description | Quantity |
|-----------|-------------|----------|
| 02-542-06 | 50mL tube   | 72/CS    |

## Stool Specimen Collection

### Fisher HealthCare™ PROTOCOL™ Parasitology Single-Vial Kits

#### Zinc Sulfite-Polyvinyl Alcohol (Zn-PVA)

- Mercury-free fixative for use as a preservative/fixative for protozoan trophozoites
- Slides fixed with Zn-PVA may be stained using trichrome or hematoxylin

#### Sodium Acetate Acetic Acid Formalin (SAF)

- Mercury-free preservative/fixative ideally suited for use with helminth eggs and larvae, protozoan trophozoites and cysts, coccidian oocysts and microsporidian spores
- May be stained using trichrome or hematoxylin

#### 10% Neutral Buffered Formalin

- All-purpose fixative appropriate for helminth eggs and larvae, and for protozoan cysts
- Buffering system helps to maintain organism morphology
- Fixed specimens may be examined directly or concentrated for recovery of eggs, larvae and protozoan cysts

#### Modified Cupric Sulfate-Polyvinyl Alcohol (Modified Cu-PVA)

- Acts as a preservative/fixative for protozoan trophozoites
- Slides fixed with Modified PVA may be stained using trichrome or hematoxylin

#### Culture and Sensitivity (C & S Media)

- For collecting and transporting enteric bacterial pathogens such as Yersinia, Salmonella, Shigella, Campylobacter and Cholera Vibrio
- Bacterial population is maintained for optimum recovery, up to 96 hours

#### Cary-Blair Media

- Maintains the bacterial population of enteric pathogens such as Yersinia, Salmonella, Shigella, Campylobacter and Cholera Vibrio for up to 96 hours

#### Clean Vials

- Empty, 30mL vials for transporting specimens



| Cat. No.  | Description                 | Quantity |
|-----------|-----------------------------|----------|
| 23-005-31 | Clean Vials                 | 20/PK    |
| 23-005-33 | Modified (Cu) PVA Vials     | 20/PK    |
| 23-005-37 | ZN-PVA Vials                | 20/PK    |
| 23-005-41 | SAF Vials                   | 20/PK    |
| 23-005-43 | C and S Vials               | 20/PK    |
| 23-005-46 | 10% Buffered Formalin Vials | 20/PK    |
| 23-005-47 | Cary Blair Vials            | 20/PK    |

## Fisher HealthCare™ PROTOCOL™ Parasitology Two-Vial Kits

### Zinc Sulfite-Polyvinyl Alcohol (Zn-PVA)

- Mercury-free fixative for use as a preservative/fixative for protozoan trophozoites
- Slides fixed with Zn-PVA may be stained using trichrome or hematoxylin

### Sodium Acetate Acetic Acid Formalin (SAF)

- Mercury-free preservative/fixative ideally suited for use with helminth eggs and larvae, protozoan trophozoites and cysts, coccidian oocysts and microsporidian spores
- May be stained using trichrome or hematoxylin

### 10% Buffered Formalin

- All-purpose fixative appropriate for helminth eggs and larvae and for protozoan cysts
- Buffering system helps to maintain organism morphology
- Fixed specimens may be examined directly or concentrated for recovery of eggs, larvae and protozoan cysts

### Modified Cupric Sulfate-Polyvinyl Alcohol (Modified Cu-PVA)

- Acts as a preservative/fixative for protozoan trophozoites
- Slides fixed with Modified PVA may be stained using trichrome or hematoxylin

### Culture & Sensitivity (C & S Media)

- For collecting and transporting enteric bacterial pathogens such as Yersinia, Salmonella, Shigella, Campylobacter, and CholeraVibrio
- Bacterial population is maintained for optimum recovery, up to 96 hours

### Clean Vials

- Empty, 30mL vials for transporting specimens



| Cat. No.  | Description                       | Quantity |
|-----------|-----------------------------------|----------|
| 23-005-27 | Modified Cu-PVA/10% Formalin Kits | 20/PK    |
| 23-005-39 | SAF/C and S Kits                  | 20/PK    |
| 23-005-44 | SAF/Clean Kits                    | 20/PK    |
| 23-005-45 | ZN-PVA/10% Formalin Kits          | 20/PK    |

## Fisherbrand™ Commode Specimen Collection System

- Stool need not be handled
- Sturdy frame enables container to fit securely under any toilet seat
- Lid is snapped on, and support frame is easily removed by snapping it down for transportation to lab
- Doubles for female urine output
- Easy-to-read graduations on container
- Directions are printed on container lid in both English and Spanish



| Cat. No.   | Description                        | Quantity |
|------------|------------------------------------|----------|
| 02-544-208 | Commode specimen collection system | 60/CS    |

## Fisherbrand™ Commode Specimen Collector

- Made of durable plastic
- System components fit standard toilets
- Easy-to-read graduations to determine specimen volume



| Cat. No.   | Description                | Quantity |
|------------|----------------------------|----------|
| 22-363-149 | Commode Specimen Collector | 100/CS   |

### Tube Needles

## BD™ Eclipse Blood Collection Needle

- Integrated, single-use blood collection needle
- Unique, double-locking system features an audible “click” to ensure that the needle is shielded properly



| Cat. No.   | Description           | Quantity |
|------------|-----------------------|----------|
| 02-683-102 | Needle size: 22 gauge | 48/PK    |

## Greiner Bio-One VACUETTE™ Multi-Drawing Blood Collection Needles

- Single-use exclusively
- Manufactured from stainless steel and fitted with a safety valve at one end
- Protective cap color indicates needle type/gauge: pink (18G), yellow (20G), green (21G), black (22G)



| Cat. No.             | Description          | Quantity |
|----------------------|----------------------|----------|
| <i>21G x 1 in.</i>   |                      |          |
| 22-040-061†          | Green protective cap | 100/PK   |
| <i>21G x 1.5 in.</i> |                      |          |
| 22-040-064†          | Green protective cap | 100/PK   |

### Tube Sealers

## StatSpin™ Sealant Pad for Capillary Tubes

- Clay-like material used for sealing microhematocrit tubes
- Includes holder tray with 24 numbered slots for tube storage



| Cat. No.   | Description              | Quantity |
|------------|--------------------------|----------|
| 22-269-247 | Pad Stsp Mcr Hct Tb Sela | 1/EA     |

## Urine Collection and Analysis Systems

## Fisherbrand™ Conical Tubes

- Capacity: 0.5 oz. (15mL)
- Polystyrene tubes have graduations in 0.1mL increments from 0.1 to 1mL and in 0.5mL increments from 1 to 15mL
- O.D. × L: 16.5 × 118mm



| Cat. No.            | Description    | Quantity |
|---------------------|----------------|----------|
| <i>Conical tube</i> |                |          |
| 14-961-15           | Capacity: 15mL | 500/CS   |

## Fisherbrand™ Standard UriSystem™ Tubes

- Disposable crack-resistant, modified polystyrene tubes with reinforced tip for extra strength
- Withstand centrifugal forces to 1750 × g
- Unique sediment-trap tip provides a standardized 0.40mL sample volume
- Graduated to 12mL
- Capacity 15mL
- Diameter 15mm



| Cat. No.          | Description              | Quantity |
|-------------------|--------------------------|----------|
| <i>Std. tubes</i> |                          |          |
| 14-377-252        | Capacity: 15mL; 500/cs.  | 500/CS   |
| 14-377-253        | Capacity: 15mL; 1000/Cs. | 1000/CS  |

## Fisherbrand™ Urinalysis System

- Pressure-sensitive patient identification labels have ample writing space
- Small, lightweight, easy-to-carry transport rack provides space for up to 20 tubes, labels and caps
- Sturdy polystyrene tubes are centrifuge-safe
- Tubes flare at the top to allow use of midget urinometer and ensure tight cap fit



| Cat. No.   | Description       | Quantity |
|------------|-------------------|----------|
| 14-375-246 | Urinalysis system | 500/CS   |

## Fisherbrand™ UriSystem™ Caps

- Tight-fitting plastic caps for standard UriSystem tubes (14-377-252 and 14-377-253)
- Prevent spilling and contamination



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 14-377-254 | Blue        | 500/CS   |
| 14-377-255 | Neon orange | 500/CS   |
| 14-377-256 | Violet      | 500/CS   |
| 14-377-257 | Turquoise   | 500/CS   |
| 14-377-258 | Yellow      | 500/CS   |

## Fisherbrand™ UriSystem™ Collection Pack

- Contains materials to collect 500 specimens
- Each container has 100 bulb-style tubes, ID labels, caps, plastic collection cups and tube carrying cardboard rack



| Cat. No.   | Description        | Quantity |
|------------|--------------------|----------|
| 14-377-251 | Includes five bags | 500/CS   |

## Fisherbrand™ UriSystem™ DeciSlide™ 10-Test Slide

- Acrylic slide with integrated coverslip
- Recessed channels provide for excess specimen spillover
- 0.005" depth-of-field between welded coverslip and slide provides a uniform monolayer and single focal plane viewing



| Cat. No.              | Description | Quantity |
|-----------------------|-------------|----------|
| <i>10-test slides</i> |             |          |
| 14-377-259            | 100/Pk.     | 100/PK   |

## Fisherbrand™ UriSystem™ Transfer Pipets

- Flexible, plastic, disposable transfer pipets
- Designed to gather the highest possible concentration of sediment



| Cat. No.    | Description               | Quantity |
|-------------|---------------------------|----------|
| 14-375-207M | UriSystem transfer pipets | 500/PK   |

## Winged Collection Set

## Greiner Bio-One VACUETTE™ Winged Safety Blood Collection Set Plus Holders

- Sets specially developed for blood collection from patients with difficult vein conditions
- Provides the necessary protection from the risk of needlestick injury
- No threading is necessary
- Sterile blister pack
- Needle length: 0.75"



| Cat. No.                          | Description         | Quantity |
|-----------------------------------|---------------------|----------|
| <i>Needle Size: 21G × 7.5 in.</i> |                     |          |
| 22-040-189                        | Tubing Length: 19cm | 24/PK    |



## Specimen Containers

## Fisher HealthCare™ PROTOCOL™ 10% Buffered Formalin-Filled Containers

- PET
- Crystal-clear, non-autoclavable
- Flexible containers are resistant to alkalis and weak acids
- Prefilled containers are supplied with silk-screened warning label



| Cat. No.   | Description         | Quantity |
|------------|---------------------|----------|
| 23-426-796 | Capacity: 240/120mL | 60/CS    |
| 23-426-797 | Capacity: 480/240mL | 32/CS    |

## Fisher HealthCare™ PROTOCOL™ Color-Coded Prefilled Formalin Containers

- Color-coded screw cap with leakproof O-ring
- Autoclavable polypropylene
- Paper labels to indicate date, doctor, patient name or ID, and specimen type
- Graduated



| Cat. No.                    | Description                            | Quantity |
|-----------------------------|--|----------|
| <b>Shrink Wrapped Trays</b> |  |          |
| 23-032-059                  | Cap.: 20mL; Buffer vol.: 10mL; Green   | 100/CS   |
| 23-316-154                  | Cap.: 40mL; Buffer vol.: 20mL; Red     | 150/CS   |
| 23-316-155                  | Cap.: 60mL; Buffer vol.: 30mL; Blue    | 75/CS    |
| <b>Standard Packaging</b>   |  |          |
| 23-032-060                  | Cap.: 120mL; Buffer vol.: 60mL; Yellow | 50/CS    |
| 23-316-156                  | Cap.: 90mL; Buffer vol.: 45mL; Orange  | 75/CS    |

## Fisherbrand™ 4 oz. Polypropylene Specimen Containers

- Convenient 4 oz. capacity
- Marked with 10cc (mL) and 0.5 oz. increments up to 120cc (mL)
- Available in sterile or nonsterile
- Nonsterile container bases are packaged in sleeves (25 each per sleeve); lids are bulk packaged
- Sterile containers are individually wrapped with secure screw-on lids
- Identification labels are provided with each case



| Cat. No.   | Description           | Quantity |
|------------|-----------------------|----------|
| 14-828-320 | Sterile, blue cap     | 100/CS   |
| 14-828-321 | Nonsterile, white cap | 500/CS   |

## Fisherbrand™ 4 oz. Specimen Containers

- Translucent polypropylene
- Graduated in both oz. and mL
- Tolerate strong acids and bases, and most organic solvents



| Cat. No.          | Description | Quantity |
|-------------------|-------------|----------|
| <b>Nonsterile</b> |             |          |
| 16-320-731        | White cap   | 500/CS   |
| <b>Sterile</b>    |             |          |
| 16-320-730        | Blue cap    | 100/CS   |

## Fisherbrand™ Collapsible 4-Liter Sample Containers

- Graduated from 500 to 3500mL
- Wide mouth in two diameters for easy sample entry and pouring
- Containers made of durable LDPE with extra-strong seams that virtually eliminate leakage
- Amber tinted to inhibit ultraviolet degradation of the sample
- Inert to most aqueous- and alcohol-based solutions
- Screw-on cap, handle for convenient transporting, and a detachable identification tag
- Designed for, but not limited to, urine collection



| Cat. No.    | Description | Quantity |
|-------------|-------------|----------|
| 11-375-115B | O.D.: 63mm  | 100/CS   |
| 14-375-115  | O.D.: 38mm  | 100/CS   |

## Fisherbrand™ Multipurpose Specimen Storage Containers

- Inert to most chemicals including formaldehyde, weak acids and all bases
- Resist freezing and boiling
- Stackable for compact storage
- Select containers are autoclavable (see ordering table); lids are not autoclavable



| Cat. No.           | Description       | Quantity |
|--------------------|-------------------|----------|
| <b>Translucent</b> |                   |          |
| 14-955-114A        | Short/Wide; 4 oz. | 300/CS   |
| 14-955-114B        | Tall/Thin; 5 oz.  | 300/CS   |
| 14-955-115A        | Short/Wide; 8 oz. | 100/CS   |
| 14-955-116A        | Tall/Thin; 8 oz.  | 100/CS   |
| 14-955-117A        | 16 oz.            | 100/CS   |
| 14-955-118A        | 32 oz.            | 100/CS   |
| 14-955-119A        | 64 oz.            | 50/CS    |
| 14-955-120A        | 86 oz.            | 25/CS    |
| 14-955-121A        | 172 oz.           | 10/CS    |
| <b>White</b>       |                   |          |
| 14-955-115B        | Short/Wide; 8 oz. | 100/CS   |
| 14-955-116B        | Tall/Thin; 8 oz.  | 100/CS   |
| 14-955-117B        | 16 oz.            | 100/CS   |
| 14-955-118B        | 32 oz.            | 100/CS   |
| 14-955-119B        | 64 oz.            | 50/CS    |
| 14-955-120B        | 86 oz.            | 25/CS    |
| 14-955-121B        | 172 oz.           | 10/CS    |

## Parter Medical™ Sterile Specimen Containers

- Straight-sided container format featuring top and bottom positive grip knurls for ease of opening and closing when wearing protective or latex gloves
- Stackable, leak-resistant and graduated unless otherwise noted
- Sterile containers labeled with a security tab label and sterilized by gamma irradiation to SAL 10<sup>-3</sup>; certification of sterility available upon request
- Manufactured from virgin polypropylene (container) and virgin polyethylene (closure) without the use of plasticizers or demolding additives; all material used is free from latex and bovine contamination
- Manufactured under strict process control and lot numbers are fully traceable
- 95kpa compliant; testing results available upon request
- Rigorous testing at varying pressures without seal failure proves this container ideal for use in pneumatic tube systems and harsh transport conditions; leak performance data is available upon request
- Available in individually wrapped (Flo-Pac™) formats
- Closures secure at 10 to 12 in.-lb. closing force
- Reagent or fixative pre-fills may require 15 to 17 in.-lb. closing force to prevent post-production cap-back-off
- Standard cap colors are natural, orange and blue

| Cat. No.            | Description                                    | Quantity |
|---------------------|--|----------|
| <b>48mm Opening</b> |  |          |
| 22-150-3347         | 60mL (2 oz.); Natural closure; 500/cs; Sterile | 500/CS   |

## Thermo Scientific™ Samco™ Wide Mouth Bio-Tite™ Specimen Containers - 120mL (4 oz.) 53mm

- Bio-Tite caps create leak-resistant seal for superior safety and handling
- Dual-threaded caps create improved sealing
- Sterilized by gamma irradiation, which eliminates potential contamination
- Top and bottom positive grip knurls are easy to grip and open using latex gloves
- Stackable containers are easy to store, saving lab space
- Virgin polypropylene containers allow higher clarity to see samples, and will not become brittle
- Sterile indicator tab assures tamper evidence
- Bilingual English and Spanish label facilitates accurate usage



| Cat. No.  | Description   | Quantity |
|-----------|---|----------|
| 13-711-56 | Cap and container pre-assembled, sterile, tabbed label, orange caps | 300/CS   |

## Stoppers

### Cork Stoppers

## Fisherbrand™ Cork Stoppers - Laboratory Grade



- Punched out from natural cork wood
- Tapered to size
- Safe to use in the packaging and/or processing of food

| Cat. No.             | Description                                       | Quantity |
|----------------------|---|----------|
| <b>Size No.: 0</b>   |   |          |
| 07-781C              | Top diameter: 0.38 in.; Bottom diameter: 28 in.   | 100/PK   |
| 07-782C              | Top diameter: 0.38 in.; Bottom diameter: 0.28 in. | 500/PK   |
| <b>Size No.: 00</b>  |   |          |
| 07-781B              | Top diameter: 0.31 in.; Bottom diameter: 21 in.   | 100/PK   |
| 07-782B              | Top diameter: 0.31 in.; Bottom diameter: 0.22 in. | 500/PK   |
| <b>Size No.: 1</b>   |   |          |
| 07-781D              | Top diameter: 0.44 in.; Bottom diameter: 0.33 in. | 100/PK   |
| 07-782D              | Top diameter: 0.44 in.; Bottom diameter: 0.33 in. | 500/PK   |
| <b>Size No.: 10</b>  |   |          |
| 07-781N              | Top diameter: 1.0 in.; Bottom diameter: 0.77 in.  | 100/PK   |
| <b>Size No.: 11</b>  |   |          |
| 07-781P              | Top diameter: 1.0 in.; Bottom diameter: 0.83 in.  | 100/PK   |
| <b>Size No.: 12</b>  |   |          |
| 07-781Q              | Top diameter: 1.1 in.; Bottom diameter: 0.89 in.  | 100/PK   |
| <b>Size No.: 13</b>  |   |          |
| 07-781R              | Top diameter: 0.81 in.; Bottom diameter: 0.95 in. | 100/PK   |
| <b>Size No.: 14</b>  |   |          |
| 07-781S              | Top diameter: 1.2 in.; Bottom diameter: 1.02 in.  | 100/PK   |
| <b>Size No.: 15</b>  |   |          |
| 07-781T              | Top diameter: 1.31 in.; Bottom diameter: 1.07 in. | 100/PK   |
| <b>Size No.: 16</b>  |   |          |
| 07-781U              | Top diameter: 1.3 in.; Bottom diameter: 1.09 in.  | 100/PK   |
| <b>Size No.: 17</b>  |   |          |
| 07-781V              | Top diameter: 1.44 in.; Bottom diameter: 1.15 in. | 100/PK   |
| <b>Size No.: 18</b>  |   |          |
| 07-781W              | Top diameter: 1.5 in.; Bottom diameter: 1.21 in.  | 100/PK   |
| <b>Size No.: 2</b>   |   |          |
| 07-781E              | Top dia.: 0.5 in.; Bottom dia.: 0.38 in.          | 100/PK   |
| 07-782E              | Top diameter: 0.5 in.; Bottom diameter: 0.38 in.  | 500/PK   |
| <b>Size No.: 20</b>  |   |          |
| 07-781Y              | Top diameter: 1.63 in.; Bottom diameter: 1.34 in. | 100/PK   |
| <b>Size No.: 3</b>   |   |          |
| 07-781F              | Top diameter: 0.56 in.; Bottom diameter: 0.42 in. | 100/PK   |
| 07-782F              | Top diameter: 0.56 in.; Bottom diameter: 0.42 in. | 500/PK   |
| <b>Size No.: 3/0</b> |   |          |
| 07-781A              | Top diameter: 0.25 in.; Bottom diameter: 0.16 in. | 100/PK   |
| 07-782A              | Top diameter: 0.25 in.; Bottom diameter: 0.16 in. | 500/PK   |
| <b>Size No.: 4</b>   |   |          |
| 07-781G              | Top diameter: 0.63 in.; Bottom diameter: 0.47 in. | 100/PK   |
| 07-782G              | Top diameter: 0.63 in.; Bottom diameter: 0.47 in. | 500/PK   |
| <b>Size No.: 5</b>   |   |          |
| 07-781H              | Top diameter: 0.69 in.; Bottom diameter: 0.53 in. | 100/PK   |
| 07-782H              | Top diameter: 0.69 in.; Bottom diameter: 0.53 in. | 500/PK   |
| <b>Size No.: 6</b>   |   |          |
| 07-781J              | Top dia.: 0.75 in.; Bottom dia.: 0.58 in.         | 100/PK   |
| 07-782J              | Top diameter: 0.75 in.; Bottom diameter: 0.58 in. | 500/PK   |
| <b>Size No.: 7</b>   |   |          |
| 07-781K              | Top diameter: 0.81 in.; Bottom diameter: 0.63 in. | 100/PK   |
| 07-782K              | Top diameter: 0.81 in.; Bottom diameter: 0.63 in. | 500/PK   |
| <b>Size No.: 9</b>   |   |          |
| 07-781M              | Top diameter: 0.94 in.; Bottom diameter: 0.73 in. | 100/PK   |
| <b>Size No.: 8</b>   |   |          |
| 07-781L              | Top diameter: 0.88 in.; Bottom diameter: 0.67 in. | 100/PK   |

Tapes and Labels

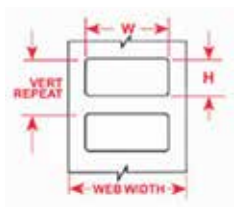
Controlled Environments Tapes [Non-Sterile]

Fisherbrand™ 3/8 in. Dot Labels

| Cat. No.    | Description | Quantity |
|-------------|-------------|----------|
| <b>Roll</b> |             |          |
| 11-010-227  | Blue        | 1/EA     |
| 11-010-228  | Brown       | 1/EA     |
| 11-010-230  | Green       | 1/EA     |
| 11-010-232  | Orange      | 1/EA     |
| 11-010-235  | Red         | 1/EA     |
| 11-010-237  | Yellow      | 1/EA     |

Shipping Labels

Brady™ Thermal Transfer Bottle Labels



| Cat. No.     | Description     | Quantity |
|--------------|-----------------|----------|
| <b>Paper</b> |                 |          |
| 19-130-1635  | Size: 4 x 4 in. | 1/EA     |

Fisherbrand™ Colored Label Tape: Rainbow Pack



- Strong, durable, and oil-, water-, and acid-resistant
- Excellent for color coding
- Withstand temperatures from -23° to +121°C (-10° to +250°F)
- Can be written on with pen, pencil, or permanent marker
- Stick to most surfaces including glass, plastic, and metal
- Remove cleanly and easily

| Cat. No.                   | Description              | Quantity |
|----------------------------|--------------------------|----------|
| <b>Width: 1 in. (25mm)</b> |                          |          |
| 15-901-10R                 | Rainbow pack of 12 tapes | 12/PK    |

Fisherbrand™ Cryo Strips for Cryogenic Storage



- No need to self-laminate
- Thinner labels allow tubes to fit most storage systems
- Available in a full range of colors and sizes
- Guaranteed not to fall off under normal use (provided user instructions are followed)
- Also offered in laser printer-compatible sheets (see Cat. Nos. 15-930 and 15-940 Series)

| Cat. No.              | Description         | Quantity |
|-----------------------|---------------------|----------|
| <b>0.375 in. dia.</b> |                     |          |
| 15-920-A              | Roll of 1000; White | 1000/PK  |

Fisherbrand™ Micryo Dots and Strips for Cryo Storage - Laser Printer Sheets



- No need to self-laminate
- Thinner labels allow tubes to fit in most storage systems
- Available in a full range of colors and sizes
- Guaranteed not to fall off under normal use (provided user instructions are followed)
- Also offered in rolls (see Cat. Nos. 15-910 and 15-920 Series)

| Cat. No.               | Description                            | Quantity |
|------------------------|--|----------|
| <b>0.25 x 1.5 in.</b>  |  |          |
| 15-930-F               | 156 labels/sheet; White                | 3120/PK  |
| <b>0.375 in. dia.</b>  |  |          |
| 15-940-B               | 192 labels/sheet; White                | 3840/PK  |
| <b>0.5 in. dia.</b>    |  |          |
| 15-940-A               | 192 labels/sheet; White                | 3840/PK  |
| <b>0.5 x 1.0 in.</b>   |  |          |
| 15-930-A               | 119 labels/sheet; White                | 2380/PK  |
| 15-930-B               | 119 labels/sheet; Assorted colors      | 2975/PK  |
| <b>0.5 x 1.25 in.</b>  |  |          |
| 15-930-C               | 85 labels/sheet; White                 | 1700/PK  |
| 15-930-D               | 85 labels/sheet; Assorted colors       | 2125/PK  |
| <b>0.75 in. dia.</b>   |  |          |
| 15-940-C               | 108 labels/sheet; White                | 2160/PK  |
| <b>1.0 x 2.625 in.</b> |  |          |
| 15-930-E               | 30 labels/sheet; 20 sheets/case; White | 600/PK   |

Temperature Indicator Tapes

Propper™ Autoclave Indicator Tape



- White stripes turn dark during steam sterilization to indicate processing
- Universal adhesive provides secure bonding with fabric and nonwoven wraps, paper, metal and glass
- Removes easily without any traces of residue
- Can be marked with permanent ink pen after sterilization without any bleeding

| Cat. No.                                 | Description | Quantity |
|--|-------------|----------|
| <b>0.75 in. x 60 yd. (1.9cm x 55.5m)</b> |             |          |
| 11-889-11                                | 48/Cs.      | 1/EA     |

Tourniquets

Fisherbrand™ Disposable Natural Latex Tourniquets



- Made of the highest-quality latex
- Disposable
- Measure 18 x 1" (45.7 x 2.5cm)
- Thickness 0.03" (0.7mm)

| Cat. No.             | Description | Quantity |
|----------------------|-------------|----------|
| <b>Natural latex</b> |             |          |
| 19-165-001           | disposable  | 250/PK   |

## Fisherbrand™ Nonlatex Disposable Tourniquet

- Nonlatex to prevent allergic reactions
- Disposable
- Dimensions: 18 × 1" (45.7 × 2.5cm)



| Cat. No.   | Description                          | Quantity |
|------------|--------------------------------------|----------|
| 19-156-103 | Flat Packaged, Polyisoprene, 1000/Cs | 100/PK   |
| 22-035-70  | Perforated roll, Nitrile             | 100/PK   |

## Propper Velket™ Tourniquet

- Induces venous or arterial constriction for maximum ease in drawing blood
- Eliminates rubber tube "pinch" and danger of ecchymosis due to extravasation
- Features a Velcro™ fastener that holds firmly and securely at any desired degree of tension
- A single tug removes the tourniquet from the patient
- Packaged in a plastic box with illustrations



| Cat. No. | Description | Quantity |
|----------|-------------|----------|
| 15-234   | Adult size  | 1/EA     |

## Vacutainer™ Latex-Free Tourniquets

- Nonpinching
- W × L: 1 × 18" (2.5 × 45.7cm)



| Cat. No. | Description           | Quantity |
|----------|-----------------------|----------|
| 02-657-6 | Latex-Free Tourniquet | 25/PK    |

### Tubes

#### Auto Analyzer Tubes

## Fisherbrand™ Disposable Auto-Analyzer Cups

- Precision-molded clear polystyrene
- Graduated with round or conical inside bottoms to maximize sample uptake



| Cat. No.   | Description     | Quantity |
|--|-----------------|----------|
| 02-544-134   | Capacity: 0.5mL | 1000/PK  |
| <i>For Hitachi 700 Series, Nova, IL 1800 analyzers</i> |                 |          |
| 02-544-6   | 2mL             | 1000/PK  |
| <i>For Kodak Ektachem E400 and E700 Analyzers</i>      |                 |          |
| 02-544-131   | Capacity: 2mL   | 1000/PK  |

### Blood Collection Tube Caps

## Fisherbrand™ Color-Coded TainerTop™ Safety Closures

- Polyethylene
- Information can be written directly on cap with indelible ink
- Ensure integrity of serum samples after freezing or en route to reference labs
- No precutting required
- Won't pop or crack when frozen
- Provide liquid-tight seal — will not aerosol when opened
- Hold fast under most rigorous procedures including agitation, centrifugation, refrigeration, and freezing
- Flexible closures are not autoclavable



| Cat. No.  | Description     | Quantity |
|---|-----------------|----------|
| <i>For 10mm Culture Tubes</i>                                 |                 |          |
| 14-376-60   | Color: White    | 1000/PK  |
| 14-376-61   | Color: Red      | 1000/PK  |
| 14-376-62   | Color: Lavender | 1000/PK  |
| 14-376-64   | Color: Blue     | 1000/PK  |
| <i>For 10mm Tubes</i>   |                 |          |
| 14-376-63   | Color: Green    | 1000/PK  |
| 14-376-66   | Color: Yellow   | 1000/PK  |
| <i>For 12mm Culture Tubes and 13mm Blood Collection Tubes</i> |                 |          |
| 14-376-74   | Color: White    | 1000/PK  |
| 14-376-75   | Color: Red      | 1000/PK  |
| 14-376-76   | Color: Lavender | 1000/PK  |
| 14-376-77   | Color: Green    | 1000/PK  |
| 14-376-78   | Color: Blue     | 1000/PK  |
| 14-376-79   | Color: Gray     | 1000/PK  |
| 14-376-80   | Color: Yellow   | 1000/PK  |
| <i>For 13mm Culture Tubes</i>                                 |                 |          |
| 14-376-69   | Color: White    | 1000/PK  |
| 14-376-70   | Color: Red      | 1000/PK  |
| 14-376-71   | Color: Lavender | 1000/PK  |
| 14-376-72   | Color: Green    | 1000/PK  |
| 14-376-73   | Color: Blue     | 1000/PK  |
| 14-376-88   | Color: Yellow   | 1000/PK  |
| <i>For 13mm Tubes</i>   |                 |          |
| 14-376-67   | Color: Gray     | 1000/PK  |
| <i>For 16mm Tubes</i>   |                 |          |
| 14-376-81   | Color: Gray     | 1000/PK  |
| 14-376-82   | Color: Yellow   | 1000/PK  |
| 14-376-83   | Color: White    | 1000/PK  |
| 14-376-84   | Color: Red      | 1000/PK  |
| 14-376-85   | Color: Lavender | 1000/PK  |
| 14-376-86   | Color: Green    | 1000/PK  |
| 14-376-87   | Color: Blue     | 1000/PK  |

## Fisherbrand™ Sav-It™ Tube Closures

- One-hand application
- Can be punctured for through-cap sampling via closed-tube instrumentation systems
- Won't interfere with most common chemistry, coagulation, and drug monitoring methodologies
- Fit test tubes, centrifuge tubes, specialty tubes, and evacuated blood drawing tubes
- Direct through-cap sampling via closed-tube instrumentation systems
- Won't crack or fall off
- Hold fast under most rigorous procedures including agitation, centrifugation, refrigeration, and freezing



| Cat. No.                   | Description | Quantity |
|----------------------------|-------------|----------|
| <b>12 or 13mm Closures</b> |             |          |
| 02-707-10                  | Green       | 1000/PK  |
| 02-707-11                  | Lavender    | 1000/PK  |
| 02-707-12                  | Black       | 1000/PK  |
| 02-707-13                  | Blue        | 1000/PK  |
| 02-707-14                  | Gray        | 1000/PK  |
| 02-707-15                  | Yellow      | 1000/PK  |
| 02-707-16                  | White       | 1000/PK  |
| 02-707-9                   | Red         | 1000/PK  |
| <b>16mm Closures</b>       |             |          |
| 02-707-1                   | Red         | 1000/PK  |
| 02-707-2                   | Green       | 1000/PK  |
| 02-707-3                   | Lavender    | 1000/PK  |
| 02-707-4                   | Black       | 1000/PK  |
| 02-707-5                   | Blue        | 1000/PK  |
| 02-707-6                   | Gray        | 1000/PK  |
| 02-707-7                   | Yellow      | 1000/PK  |
| 02-707-8                   | White       | 1000/PK  |

## Fisherbrand™ Serum Filter Caps

- For storage or transport and not for use with flared serum filters

| Cat. No.  | Description                   | Quantity |
|-----------|-------------------------------|----------|
| 02-681-57 | Fits: 10.25, 13, 16mm filters | 500/PK   |

## Fisherbrand™ VersaClosure™ Tube Closures

- Firm, positive seal by sealing either inside the tube or over the tube rim
- One-size design seals most 16, 13, 12 and 10mm blood collection, glass and plastic test tubes
- No need to purchase size-specific closures
- Help with laboratory standardization and managed cost initiatives
- One-hand technique, seal under various temperature/storage conditions, help preserve sample integrity and minimize evaporation loss

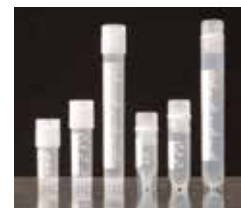


| Cat. No.  | Description | Quantity |
|-----------|-------------|----------|
| 02-707-17 | Clear       | 1000/PK  |
| 02-707-18 | Red         | 1000/PK  |
| 02-707-19 | Lavender    | 1000/PK  |
| 02-707-20 | Green       | 1000/PK  |
| 02-707-21 | Blue        | 1000/PK  |
| 02-707-22 | Gray        | 1000/PK  |
| 02-707-23 | Yellow      | 1000/PK  |
| 02-707-24 | Black       | 1000/PK  |

## Cryogenic Storage Tubes and Vials

### Fisherbrand™ Externally and Internally Threaded Cryogenic Storage Vials

- Sterile; not autoclavable
- Noncytotoxic, nonpyrogenic
- Large white writing area
- Graduations in 0.5mL increments
- Use with Fisherbrand Color Coders for easier sample identification



| Cat. No.                   | Description               | Quantity |
|----------------------------|---------------------------|----------|
| <b>Externally threaded</b> |                           |          |
| 10-500-25                  | 1.2mL                     | 100/PK   |
| 10-500-26                  | 2.0mL                     | 100/PK   |
| 10-500-27                  | 5.0mL                     | 50/PK    |
| <b>Internally threaded</b> |                           |          |
| 12-567-500                 | 1.2mL; Conical bottom     | 100/PK   |
| 12-567-501                 | 2.0mL; Round-style bottom | 100/PK   |
| 12-567-502                 | 5.0mL; Round-Style bottom | 100/PK   |

### Thermo Scientific™ Nalgene™ General Long Term Storage Cryogenic Tubes

- Large writing areas accommodate more written sample information and graduations for easy visual volume assessment
- Non-cytotoxic raw materials for added sample security and tubes certified free of Dnase and RNase for genomic applications
- External threading enhances aseptic technique
- Certified SAL of 10<sup>-6</sup> for the highest sterility assurance available
- Suitable for storage from general cold storage refrigeration (+4°C) down to the vapor phase of liquid nitrogen
- System 100 Tubes offer a more dense storage option (10x10) to save precious storage space
- Self standing tubes for ease of use on the benchtop
- Blank, non-sterile and uncapped tubes available in bulk for less demanding applications



| Cat. No.  | Description  | Quantity |
|-----------|--|----------|
| 03-337-7Y | Nalgene System 100 Cryogenic Tube, sterile, 1.5mL, ext. thread, conical bottom | 500/CS   |

## Disposable Glass Test Tubes

## Fisherbrand™ Disposable Borosilicate Glass Tubes with Polypropylene Screw Cap



- Natural linerless polypropylene screw cap
- With marking spot

| Cat. No.                    | Description        | Quantity |
|-----------------------------|--------------------|----------|
| <i>O.D. x L: 13 x 100mm</i> |                    |          |
| 14-962-26D                  | No. Per Tray: 500  | 1000/CS  |
| <i>O.D. x L: 16 x 100mm</i> |                    |          |
| 14-962-26F                  | No. Per Tray: 250  | 1000/CS  |
| <i>O.D. x L: 16 x 125mm</i> |                    |          |
| 14-962-26G                  | No. Per Tray: 250  | 1000/CS  |
| <i>O.D. x L: 16 x 150mm</i> |                    |          |
| 14-962-26H                  | No. Per Tray: 250  | 1000/CS  |
| <i>O.D. x L: 20 x 125mm</i> |                    |          |
| 14-962-26K                  | No. Per Tray: 250  | 500/CS   |
| <i>O.D. x L: 20 x 150mm</i> |                    |          |
| 14-962-26M                  | No. Per Tray: 250; | 500/CS   |

## Fisherbrand™ Disposable Borosilicate Glass Tubes with Threaded End



- Round bottom
- Without caps

| Cat. No.                    | Description          | Quantity |
|-----------------------------|----------------------|----------|
| <i>With marking spot</i>    |                      |          |
| 14-959-35A                  | O.D. x L: 16 x 125mm | 1000/CS  |
| 14-959-35AA                 | O.D. x L: 16 x 100mm | 1000/CS  |
| 14-959-35B                  | O.D. x L: 16 x 150mm | 1000/CS  |
| 14-959-35C                  | O.D. x L: 13 x 100mm | 1000/CS  |
| 14-959-37A                  | O.D. x L: 20 x 125mm | 500/CS   |
| 14-959-37C                  | O.D. x L: 20 x 150mm | 500/CS   |
| <i>Without marking spot</i> |                      |          |
| 14-957-76A                  | O.D. x L: 13 x 100mm | 1000/CS  |
| 14-957-76C                  | O.D. x L: 16 x 150mm | 1000/CS  |
| 14-957-76E                  | O.D. x L: 20 x 150mm | 500/CS   |

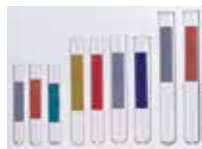
## Fisherbrand™ Disposable Flint Glass Tubes with Plain End

- Round bottom
- Smooth top and bottom to prevent cuts



| Cat. No.                    | Description | Quantity |
|-----------------------------|-------------|----------|
| <i>O.D. x L: 10 x 75mm</i>  |             |          |
| 14-958B                     | 250/tray    | 1000/CS  |
| <i>O.D. x L: 12 x 75mm</i>  |             |          |
| 14-958C                     | 250/tray    | 1000/CS  |
| <i>O.D. x L: 13 x 100mm</i> |             |          |
| 14-958D                     | 250/tray    | 1000/CS  |
| <i>O.D. x L: 15 x 85mm</i>  |             |          |
| 14-958E                     | 250/tray    | 1000/CS  |
| <i>O.D. x L: 16 x 100mm</i> |             |          |
| 14-958F                     | 250/tray    | 1000/CS  |
| <i>O.D. x L: 16 x 125mm</i> |             |          |
| 14-958G                     | 250/tray    | 1000/CS  |
| <i>O.D. x L: 16 x 150mm</i> |             |          |
| 14-958H                     | 250/tray    | 1000/CS  |
| <i>O.D. x L: 18 x 150mm</i> |             |          |
| 14-958J                     | 125/tray    | 500/CS   |
| <i>O.D. x L: 20 x 150mm</i> |             |          |
| 14-958K                     | 250/tray    | 500/CS   |
| <i>O.D. x L: 6 x 50mm</i>   |             |          |
| 14-958A                     | 500/tray    | 1000/CS  |

## Fisherbrand™ Disposable Plain-End Glass Tubes with Color-Coded Label Area



- Fused-in, textured, color patches accept any type of ink or pencil
- Expose to heat, steam, hours in a water bath, without affecting label
- Marking area is large enough for all necessary information—1.37" (for 10 and 12mm O.D. tubes) or 2" (for 13 and 16mm O.D. tubes) long labeling area in five pastel colors
- Round bottom
- Flint or borosilicate glass

| Cat. No.                        | Description                                | Quantity |
|---------------------------------|--|----------|
| <b>10.D. x L: 16 x 100mm</b>    |  |          |
| 14-957-16B                      | Yellow label area; Flint glass             | 1000/CS  |
| <b>Borosilicate Glass</b>       |  |          |
| 14-957-20A                      | Label Color: White; O.D. x L: 10 x 75mm    | 1000/CS  |
| 14-957-22B                      | Label Color: Yellow; O.D. x L: 12 x 75mm   | 1000/CS  |
| 14-957-24A                      | Label Color: White; O.D. x L: 13 x 100mm   | 1000/CS  |
| 14-957-26A                      | Label Color: White; O.D. x L: 16 x 100mm   | 1000/CS  |
| <b>Flint Glass</b>              |  |          |
| 14-957-10A                      | Label Color: White; O.D. x L: 10 x 75mm    | 1000/CS  |
| 14-957-10B                      | ; Label Color: Yellow; O.D. x L: 10 x 75mm | 1000/CS  |
| 14-957-10C                      | Label Color: Green; O.D. x L: 10 x 75mm    | 1000/CS  |
| 14-957-10D                      | Label Color: Orange; O.D. x L: 10 x 75mm   | 1000/CS  |
| 14-957-10E                      | Label Area: Blue; O.D. x L: 10 x 75mm      | 1000/CS  |
| 14-957-12A                      | Label Color: White; O.D. x L: 12 x 75mm    | 1000/CS  |
| 14-957-12B                      | Label Color: Yellow; O.D. x L: 12 x 75mm   | 1000/CS  |
| 14-957-12C                      | Label Area: Green; O.D. x L: 12 x 75mm     | 1000/CS  |
| 14-957-12D                      | Label Color: Orange; O.D. x L: 12 x 75mm   | 1000/CS  |
| 14-957-12E                      | Label Color: Blue; O.D. x L: 12 x 75mm     | 1000/CS  |
| 14-957-14A                      | Label Color: White; O.D. x L: 13 x 100mm   | 1000/CS  |
| 14-957-18E                      | 16 x 125mm; Blue Label Area                | 1000/CS  |
| <b>Label area color: green</b>  |  |          |
| 14-957-26C                      | O.D. x L: 16 x 100mm                       | 1000/CS  |
| <b>Label area color: yellow</b> |  |          |
| 14-957-26B                      | O.D. x L: 16 x 100mm                       | 1000/CS  |
| <b>Label color: Blue</b>        |  |          |
| 14-957-22E                      | O.D. x L: 12 x 75mm                        | 1000/CS  |
| <b>Label color: White</b>       |  |          |
| 14-957-22A                      | O.D. x L: 12 x 75mm                        | 1000/CS  |
| <b>Label color: Yellow</b>      |  |          |
| 14-957-20B                      | O.D. x L: 10 x 75mm                        | 1000/CS  |
| <b>O.D. x L: 10 x 75mm</b>      |  |          |
| 14-957-20C                      | Borosilicate Glass; Label Area: Green      | 1000/CS  |
| 14-957-20D                      | Orange label area; Borosilicate glass      | 1000/CS  |
| 14-957-20E                      | Borosilicate Glass; Label Area: Blue       | 1000/CS  |
| <b>O.D. x L: 12 x 75mm</b>      |  |          |
| 14-957-22C                      | Green label area; Borosilicate glass       | 1000/CS  |
| 14-957-22D                      | Borosilicate Glass; Label Area: Orange     | 1000/CS  |
| <b>O.D. x L: 13 x 100mm</b>     |  |          |
| 14-957-14B                      | Flint Glass; Label Area: Yellow            | 1000/CS  |
| 14-957-14C                      | Green label area; Flint glass              | 1000/CS  |
| 14-957-14D                      | Orange label area; Flint glass             | 1000/CS  |
| 14-957-14E                      | Blue label area; Flint glass               | 1000/CS  |
| 14-957-24B                      | Yellow label area; Borosilicate glass      | 1000/CS  |
| 14-957-24C                      | Green label area; Borosilicate glass       | 1000/CS  |
| 14-957-24D                      | Orange label area; Borosilicate glass      | 1000/CS  |
| 14-957-24E                      | Borosilicate Glass; Label Area: Blue       | 1000/CS  |
| <b>O.D. x L: 16 x 100mm</b>     |  |          |
| 14-957-16A                      | White label area; Flint glass              | 1000/CS  |
| 14-957-16C                      | Flint Glass; Label Area: Green             | 1000/CS  |
| 14-957-16D                      | Orange label area; Flint glass             | 1000/CS  |
| 14-957-16E                      | Blue label area; Flint glass               | 1000/CS  |
| 14-957-26E                      | Blue label area; Borosilicate glass        | 1000/CS  |
| <b>O.D. x L: 16 x 125mm</b>     |  |          |
| 14-957-18D                      | Orange label area; Flint glass             | 1000/CS  |

## Disposable Plastic Test Tubes

### Falcon™ Round-Bottom Polystyrene Tubes



- Individual packages use medical-style packaging materials and allow aseptic access
- Widely referenced in published laboratory procedures and protocols (e.g., Molecular Cloning, 2nd ed., T. Maniatis et al.)
- Available with heavyweight, durable, dual-position snap cap for easy handling; with screw cap or without cap
- All sizes supplied sterile; 12 x 75mm size without cap also available nonsterile

| Cat. No.                      | Description   | Quantity |
|-------------------------------|---|----------|
| <b>Dual-position snap cap</b> |   |          |
| 14-959-2A                     | Nominal volume: 5mL; Nominal dimension: 12 x 75mm; 1000/Cs. | 1000/CS  |

### Fisherbrand™ Nonsterile Plastic Culture Tubes



- Round bottom
- Special molding avoids leaks and cracks
- 12 O.D. x 75mm long tube has 5mL capacity and heavier wall than competitive tubes
- Slight lip at top provides seal when used with Cat. No. 14-961-12 Snap Cap (sold separately)

| Cat. No.                         | Description   | Quantity |
|----------------------------------|---|----------|
| <b>Clear polystyrene</b>         |   |          |
| 14-956-8E                        | O.D. x L: 13 x 100mm; Cap supplied: none            | 1000/CS  |
| 14-956-8G                        | O.D. x L: 16 x 125mm; Cap supplied: none            | 1000/CS  |
| 14-956-8J                        | O.D. x L: 17 x 100mm; Cap supplied: none            | 1000/CS  |
| 14-961-10                        | O.D. x L: 12 x 75mm; Without cap                    | 1000/PK  |
| 14-961-13                        | O.D. x L: 12 x 75mm; Cap supplied: none             | 5000/CS  |
| 14-961-20                        | O.D. x L: 12 x 75mm; With snap cap                  | 1000/CS  |
| <b>Polypropylene</b>             |   |          |
| 14-961-11                        | 12 x 75mm; No cap; 5000/cs.                         | 5000/CS  |
| <b>Polystyrene</b>               |   |          |
| 14-961-10A                       | O.D. x L: 12 x 75mm; Without cap                    | 1000/CS  |
| <b>Translucent polypropylene</b> |   |          |
| 14-956-7A                        | O.D. x L: 13 x 100mm; Cap supplied: none            | 1000/CS  |
| 14-956-7C                        | O.D. x L: 16 x 125mm; Without cap                   | 1000/CS  |
| 14-956-7E                        | O.D. v L: 17 x 100mm; Cap supplied: none            | 1000/CS  |
| 14-959-10AA                      | O.D. x L: 12 x 75mm; With snap cap                  | 1000/CS  |
| 14-959-16                        | O.D. x L: 12 x 75mm; Cap supplied: none; Heavy wall | 1000/PK  |
| 14-959-16A                       | O.D. x L: 12 x 75mm; Without cap                    | 1000/CS  |

### Fisherbrand™ Sterile Plastic Culture Tubes: Clear Polystyrene



- Gamma-irradiated and tested for sterility; ready to use
- No chance of residual contamination
- All screw-cap tubes have outside threads and unconstricted necks, making filling and pipetting easier
- All snap caps can be positioned for aerobic or anaerobic applications

| Cat. No.                 | Description                                 | Quantity |
|--------------------------|---|----------|
| <b>Clear polystyrene</b> |   |          |
| 14-956-3D                | With snap cap; O.D. x L: 12 x 75mm; 125/bag | 1000/CS  |

## Fisherbrand™ Sterile Plastic Culture Tubes: Translucent Polypropylene

- Gamma-irradiated and tested for sterility; ready to use
- No chance of residual contamination
- All snap caps can be positioned for aerobic or anaerobic applications



| Cat. No.                         | Description                                   | Quantity |
|----------------------------------|---|----------|
| <b>Translucent polypropylene</b> |   |          |
| 14-956-1D                        | With snap cap; O.D. x L: 12 x 75mm; Bag of 25 | 500/CS   |

### Glass Cell Culture Tubes

## Fisherbrand™ Disposable Borosilicate Glass Tubes with Plain End

- 10 and 12mm O.D. sizes are available
- Packaged in shrink-wrapped trays of 125 or 250 to prevent contamination or breakage



| Cat. No.  | Description          | Quantity |
|-----------|----------------------|----------|
| 14-961-25 | O.D. x L: 10 x 75mm  | 1000/CS  |
| 14-961-26 | O.D. x L: 12 x 75mm  | 1000/CS  |
| 14-961-27 | O.D. x L: 13 x 100mm | 1000/CS  |
| 14-961-28 | O.D. x L: 15 x 85mm  | 1000/CS  |
| 14-961-29 | O.D. x L: 16 x 100mm | 1000/CS  |
| 14-961-30 | O.D. x L: 16 x 125mm | 1000/CS  |
| 14-961-31 | O.D. x L: 16 x 150mm | 1000/CS  |
| 14-961-32 | O.D. x L: 18 x 150mm | 500/CS   |
| 14-961-33 | O.D. x L: 20 x 150mm | 500/CS   |
| 14-961-34 | O.D. x L: 25 x 150mm | 500/CS   |

### Microtube Caps

## Fisherbrand™ Flat and Domed 8-Cap Strips

- Eight caps per strip
- Cleanroom produced
- Virgin polypropylene
- Flat caps offer large, labeled end tabs for easy removal and strip orientation



| Cat. No.   | Description     | Quantity |
|------------|-----------------|----------|
| 14-230-230 | Flat Cap Strips | 250/CS   |

### Microtubes [Locking Snap Cap]

## Eppendorf™ Snap-Cap Microcentrifuge Biopur™ Safe-Lock™ Tubes

- Molded from dye-free polypropylene resins
- Radiation sterilized and monitored to be free of pyrogens, DNA, RNase, and ATP
- Comes with an Eppendorf Biopur Quality Assurance Card guaranteeing the highest standard of purity available in a disposable tube



| Cat. No.   | Description     | Quantity |
|------------|-----------------|----------|
| 05-402-24B | Capacity: 1.5mL | 100/CS   |

## Eppendorf™ Snap-Cap Microcentrifuge Safe-Lock™ Tubes

- Hinged Safe-Lock lid prevents accidental lid opening
- Precise lid sealing for lowest evaporation rates during long-term storage
- Centrifugation stability prevents tube breaking: up to 30,000 x g for 0.5/1.5mL tubes; up to 25,000 x g for 2.0mL; and 70,000 x g possible in form-fitting rotor
- Hinged lid allows for easy, contamination-free opening
- Large, frosted lid and side surface for easy labeling
- Graduations for easy volume reference
- Guaranteed functionality between -80° to +100°C
- Autoclavable when opened (121°C, 20 min.)
- Choose from six colors, including amber, for light-sensitive samples
- Also available in batch-certified Eppendorf PCR clean and Biopur™ quality for guaranteed purity



| Cat. No.          | Description    | Quantity |
|-------------------|----------------|----------|
| <b>w/Snap cap</b> |                |          |
| 05-402-25         | 1.5mL; Natural | 500/PK   |

## Fisherbrand™ Locking-Lid Microcentrifuge Tubes with Polypropylene Snap-Cap™

- Polypropylene tubes with flat tops
- Ideal for sample-handling applications, including centrifugation, boiling and freezing of specimens, incubation and storage
- With graduation marks for volume estimation
- RNase and DNase free



| Cat. No.               | Description                 | Quantity |
|------------------------|-----------------------------|----------|
| <b>Capacity: 1.5mL</b> |                             |          |
| 02-681-284             | Max. RCF: 26,000xG; Natural | 500/PK   |

### Microtubes [Screw Cap]

## Fisherbrand™ Free-Standing Microcentrifuge Tubes with Screw Caps

- Withstand a maximum force of 20,000 x G
- Free-standing with cap
- Large size is graduated
- Natural color

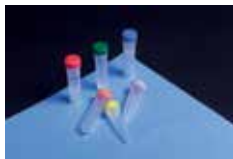


| Cat. No.   | Description     | Quantity |
|------------|-----------------|----------|
| 02-682-557 | Capacity: 1.5mL | 500/PK   |
| 02-682-558 | Capacity: 2.0mL | 500/PK   |
| 02-682-559 | Capacity: 0.5mL | 500/PK   |



## Fisherbrand™ Nonsterile Microcentrifuge Tubes with Threaded End

- Threaded to accept colored screw caps (sold separately)
- Siliconized/low-retention conical-bottom tubes also available



| Cat. No.              | Description   | Quantity |
|-----------------------|---|----------|
| <b>Conical-bottom</b> |   |          |
| 02-681-339            | Max. Force: 30,000xG; Capacity: 1.5mL; Color: Natural | 500/PK   |

## Fisherbrand™ Sterile Microcentrifuge Tubes with Screw Caps

- With unattached caps
- Natural-colored screw caps with O-rings



| Cat. No.               | Description                        | Quantity |
|------------------------|------------------------------------|----------|
| <b>Capacity: 0.5mL</b> |                                    |          |
| 02-681-370             | Skirted bottom; Max. RCF: 30,000xG | 500/PK   |
| 02-681-371             | Conical bottom; Max. RCF: 25,000xG | 500/PK   |
| <b>Capacity: 1.5mL</b> |                                    |          |
| 02-681-372             | Skirted-bottom; Max. RCF: 18,000xG | 500/PK   |
| 02-681-373             | Conical bottom; Max. RCF: 30,000xG | 500/PK   |
| <b>Capacity: 2.0mL</b> |                                    |          |
| 02-681-374             | Skirted bottom; Max. RCF: 18,000xG | 500/PK   |
| 02-681-375             | Conical bottom; Max. RCF: 25,000xG | 500/PK   |

### Microtubes [Standard Snap Cap]

## Eppendorf DNA LoBind Microcentrifuge Tubes

### Features and benefits

- LoBind material guarantees maximum sample recovery for improved assay results
- Free of surface coating (e. g. siliconization). Eliminates the risk of sample interference
- Available in tube and plate formats for easy up-scaling
- High stability for use in all sample preparation protocols
- PCR clean quality batch tested and certified by an independent laboratory for reliable purity



| Cat. No.                    | Description    | Quantity |
|-----------------------------|----------------|----------|
| <b>Safe-Lock Tube 1.5mL</b> |                |          |
| 13-6987-91                  | DNA; PCR Clean | 250/PK   |
| <b>Safe-Lock Tube 2.0mL</b> |                |          |
| 13-698-792                  | DNA; PCR Clean | 250/PK   |

## Fisherbrand™ Premium Microcentrifuge Tubes: 0.6mL

- High-clarity polypropylene
- Graduated in 0.1mL markings
- Withstand forces up to 30,000 × g
- Easy-open caps with needle insertion spot and textured marking area
- Labeling area on tube exterior
- Highly polished interior for maximum sample recovery
- Temperature range of -80° to +121°C
- Fit all standard rotors
- Nonpyrogenic
- Autoclavable at 121°C/15psi for 15 minutes



| Cat. No.               | Description                   | Quantity |
|------------------------|-------------------------------|----------|
| <b>Amber</b>           |                               |          |
| 05-408-125             | 0.5mL; O.D. × L: 7.5 × 30.5mm | 500/PK   |
| <b>Assorted colors</b> |                               |          |
| 05-408-128             | 0.5mL; O.D. × L: 7.5 × 30.5mm | 500/PK   |
| <b>Blue</b>            |                               |          |
| 05-408-123             | 0.5mL; O.D. × L: 7.5 × 30.5mm | 500/PK   |
| <b>Green</b>           |                               |          |
| 05-408-124             | 0.5mL; O.D. × L: 7.5 × 30.5mm | 500/PK   |
| <b>Lavender</b>        |                               |          |
| 05-408-127             | 0.5mL; O.D. × L: 7.5 × 30.5mm | 500/PK   |
| <b>Natural</b>         |                               |          |
| 05-408-120             | 0.6mL; O.D. × L: 7.5 × 30.5mm | 500/PK   |
| <b>Orange</b>          |                               |          |
| 05-408-126             | 0.5mL; O.D. × L: 7.5 × 30.5mm | 500/PK   |
| <b>Red</b>             |                               |          |
| 05-408-121             | 0.5mL; O.D. × L: 7.5 × 30.5mm | 500/PK   |
| <b>Yellow</b>          |                               |          |
| 05-408-122             | 0.5mL; O.D. × L: 7.5 × 30.5mm | 500/PK   |

## Fisherbrand™ Premium Microcentrifuge Tubes: 1.5mL

- High-clarity polypropylene
- Graduated in 0.1 and 0.25mL markings
- Withstand forces up to 30,000 × g
- Easy-open caps with needle insertion spot and textured marking area
- Labeling area on tube exterior
- Highly polished interior for maximum sample recovery
- Temperature range of -80° to +121°C
- Fit all standard rotors
- Nonpyrogenic
- Autoclavable at 121°C/15psi for 15 minutes



| Cat. No.               | Description                    | Quantity |
|------------------------|--------------------------------|----------|
| <b>Amber</b>           |                                |          |
| 05-408-134             | 1.5mL; O.D. × L: 10.8 × 40.6mm | 500/PK   |
| <b>Assorted colors</b> |                                |          |
| 05-408-137             | 1.5mL; O.D. × L: 10.8 × 40.6mm | 500/PK   |
| <b>Blue</b>            |                                |          |
| 05-408-132             | 1.5mL; O.D. × L: 10.8 × 40.6mm | 500/PK   |
| <b>Green</b>           |                                |          |
| 05-408-133             | 1.5mL; O.D. × L: 10.8 × 40.6mm | 500/PK   |
| <b>Lavender</b>        |                                |          |
| 05-408-136             | 1.5mL; O.D. × L: 10.8 × 40.6mm | 500/PK   |
| <b>Natural</b>         |                                |          |
| 05-408-129             | 1.5mL; O.D. × L: 10.8 × 40.6mm | 500/PK   |
| <b>Orange</b>          |                                |          |
| 05-408-135             | 1.5mL; O.D. × L: 10.8 × 40.6mm | 500/PK   |
| <b>Red</b>             |                                |          |
| 05-408-130             | 1.5mL; O.D. × L: 10.8 × 40.6mm | 500/PK   |
| <b>Yellow</b>          |                                |          |
| 05-408-131             | 1.5mL; O.D. × L: 10.8 × 40.6mm | 500/PK   |

## Fisherbrand™ Premium Microcentrifuge Tubes: 2.0mL

- High-clarity polypropylene
- Graduated in 0.25mL increments
- Withstand forces up to 30,000 × g
- Easy-open caps with needle insertion spot and textured marking area
- Labeling area on tube exterior
- Highly polished interior for maximum sample recovery
- Temperature range of -80° to +121°C
- Fit all standard rotors
- Nonpyrogenic
- Autoclavable at 121°C/15psi for 15 minutes



| Cat. No.               | Description                  | Quantity |
|------------------------|------------------------------|----------|
| <b>Amber</b>           |                              |          |
| 05-408-145             | 2.0mL; O.D. × L: 11 × 40.6mm | 500/PK   |
| <b>Assorted colors</b> |                              |          |
| 05-408-146             | 2.0mL; O.D. × L: 11 × 40.6mm | 500/PK   |
| <b>Blue</b>            |                              |          |
| 05-408-141             | 2.0mL; O.D. × L: 11 × 40.6mm | 500/PK   |
| <b>Green</b>           |                              |          |
| 05-408-142             | 2.0mL; O.D. × L: 11 × 40.6mm | 500/PK   |
| <b>Lavender</b>        |                              |          |
| 05-408-144             | 2.0mL; O.D. × L: 11 × 40.6mm | 500/PK   |
| <b>Natural</b>         |                              |          |
| 05-408-138             | 2.0mL; O.D. × L: 11 × 40.6mm | 500/PK   |
| <b>Orange</b>          |                              |          |
| 05-408-143             | 2.0mL; O.D. × L: 11 × 40.6mm | 500/PK   |
| <b>Red</b>             |                              |          |
| 05-408-139             | 2.0mL; O.D. × L: 11 × 40.6mm | 500/PK   |
| <b>Yellow</b>          |                              |          |
| 05-408-140             | 2.0mL; O.D. × L: 11 × 40.6mm | 500/PK   |

## Fisherbrand™ Snap-Cap™ Flat-Top Graduated Microcentrifuge Tubes

- Polypropylene
- Graduated
- In different colors



| Cat. No.       | Description                          | Quantity |
|----------------|--------------------------------------|----------|
| <b>Sterile</b> |                                      |          |
| 02-681-5       | 1.5mL; Natural; Individually wrapped | 250/PK   |

## Fisherbrand™ Snap-Cap™ Microcentrifuge Tubes: Flat Top



- Packed in bulk Nonsterile

| Cat. No.               | Description | Quantity |
|------------------------|-------------|----------|
| <b>Capacity: 0.6mL</b> |             |          |
| 02-681-240             | Natural     | 1000/PK  |
| 02-681-241             | Red         | 1000/PK  |
| 02-681-242             | Blue        | 1000/PK  |
| 02-681-243             | Green       | 1000/PK  |
| 02-681-244             | Yellow      | 1000/PK  |
| 02-681-245             | Orange      | 1000/PK  |
| 02-681-246             | Violet      | 1000/PK  |
| 02-681-248             | Assorted    | 1000/PK  |
| <b>Capacity: 1.5mL</b> |             |          |
| 02-681-10              | Assorted    | 500/PK   |
| 02-681-272             | Natural     | 500/PK   |

### PCR Tubes

## Eppendorf™ Thin-Walled PCR Tubes

Can be used in most thermal cyclers with heated lids

| Cat. No.          | Description | Quantity |
|-------------------|-------------|----------|
| <b>Individual</b> |             |          |
| E0030-124-260     | 0.2mL       | 1000/CS  |

## Fisherbrand™ 0.2mL Flat- and Domed-Cap PCR Tubes



- Suitable for 0.2mL thermal cycler blocks
- 0.25mL maximum volume when closed
- Thin-wall design
- Cleanroom produced
- Virgin polypropylene

| Cat. No.        | Description | Quantity |
|-----------------|-------------|----------|
| <b>Flat cap</b> |             |          |
| 14-230-225      | Natural     | 1000/CS  |

## Fisherbrand™ 0.2mL PCR Tube Strips

- 0.25mL maximum tube volume when capped
- Strips of eight tubes
- Can be cut into individual tubes
- Thin-wall design
- Cleanroom produced
- Virgin polypropylene
- Available with flat cap strips, domed cap strips, or without cap strips



| Cat. No.                  | Description | Quantity |
|---------------------------|-------------|----------|
| <b>Domed cap strips</b>   |             |          |
| 14-230-210                | Natural     | 250/CS   |
| <b>Without cap strips</b> |             |          |
| 14-230-220                | Natural     | 250/CS   |

## Thermo Scientific™ Omnistrrips

The Thermo Scientific Omnistrrips feature uniform, thin walls that give optimal and consistent heat transfer, reducing variation between samples. The low binding interior surface prevents reaction components from binding to side walls, ensuring maximum yield. The tight sealing strip caps significantly reduce evaporation to generate more efficient and higher yield results.



### Highlights

- Suitable for 0.5 mL thermal cycler blocks
- 0.32 mL maximum tube capacity when capped
- 8-tube Strip
- Sealable using Flat and Domed
- Also available in a pre-assembled 96-well Omni-Tube Plate

### Applications

- PCR

| Cat. No. | Description              | Quantity |
|----------|--------------------------|----------|
| AB-0485  | Omnistrip Tubes, No Caps | 250/CS   |

### Plastic Centrifuge Tubes

## BasiX Centrifuge Tubes



- White volume graduations
- Sterilized by gamma irradiation
- White marking spot for convenient labeling
- Available in polystyrene racks or LDPE sleeves

| Cat. No.    | Description | Quantity |
|-------------|-------------|----------|
| <b>15mL</b> |             |          |
| 05-539-800  | 25/Sleeve   | 500/CS   |
| <b>50mL</b> |             |          |
| 05-539-802  | 25/Sleeve   | 500/CS   |

## Corning™ CentriStar™ Centrifuge Tubes

- Conical bottoms
- Clear virgin polypropylene (PP)
- Sterile, certified RNase-/DNase-free and nonpyrogenic
- CentriStar caps provide plug feature, wider knurls, and roll-over edge design to improve grip; easy-on, easy-off thread design; and a flat top with matte finish for easy marking
- Large white marking spot and black printed graduations



| Cat. No.    | Description                     | Quantity |
|-------------|---------------------------------|----------|
| <b>15mL</b> |                                 |          |
| 05-538-59B  | Max. RCF: 12500xG; Cap included | 500/CS   |

## Corning™ Polypropylene (PP) Centrifuge Tubes

- Clear polypropylene (PP)
- Black printed graduations and a large white marking spot
- Maximum RCF is 12,000xg
- Sterile, certified nonpyrogenic and DNase-/RNase-free
- 95 k PA (14psi) pressure tested
- Foam racks and CentriStar®, e caps also available separately



| Cat. No.                        | Description   | Quantity |
|---------------------------------|---|----------|
| <b>15mL Conical bottom tube</b> |   |          |
| 05-538-53D                      | Max RCF: 12000xG; Plug seal polyethylene cap; With rack | 500/CS   |
| <b>50mL Conical bottom tube</b> |   |          |
| 05-538-55                       | Max RCF: 15500xG; Polypropylene cap; With rack          | 500/CS   |

## Falcon™ 15mL Conical Centrifuge Tubes

- Dark blue graduations in 0.5mL increments are visible with clear or turbid samples
- Solvent-resistant white writing area
- Sterilized by gamma irradiation, nonpyrogenic
- Supplied blue HDPE 20mm threaded dome seal closures provide positive seal over the full circumference



| Cat. No.             | Description                        | Quantity |
|----------------------|------------------------------------|----------|
| <b>Polypropylene</b> |                                    |          |
| 14-959-49B           | RCF rating: 12000; 50/Pk., 500/Cs. | 500/CS   |
| <b>Polystyrene</b>   |                                    |          |
| 14-959-49D           | RCF rating: 1800; 50/Rack, 500/Cs. | 500/CS   |

## Falcon™ 50mL Conical Centrifuge Tubes

- Hydrophobic, biologically inert surface for good cell or protein recovery
- Dark blue graduations in 5mL increments
- White writing area resists solvents
- Irradiated for sterility



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 14-432-22  | 25/Pk.      | 500/CS   |
| 14-959-49A | 25/Rack     | 500/CS   |

## Fisherbrand™ 15mL Graduated Polystyrene Centrifuge Tube

- With conical bottom
- Nonsterile polystyrene
- Features molded-in graduations in 0.1mL increments up to 1mL and in 0.5mL subdivisions between 1 and 15mL



| Cat. No.              | Description                              | Quantity |
|-----------------------|--|----------|
| <b>Capacity: 15mL</b> |  |          |
| 05-527-45             | O.D. × L: 0.7 × 4.7 in. (17.5 × 119.5mm) | 1000/CS  |

## Fisherbrand™ Easy Reader™ Polyethylene Teraphthalate Centrifuge Tubes

- Nonpyrogenic
- Conical bottoms
- Large labeling area
- Plug-seal closure
- With black graduations and white marking area
- 15mL Tubes are graduated in 0.5mL subdivisions from 2 to 14.5mL
- 50mL Tubes are graduated in 5mL increments from 5 to 50mL



| Cat. No.    | Description                              | Quantity |
|-------------|--|----------|
| <b>15mL</b> |  |          |
| 05-539-1    | PET; Plug seal closure; Sterile; In rack | 500/CS   |
| <b>50mL</b> |  |          |
| 05-539-10   | PET; Plug seal closure; Sterile; In rack | 500/CS   |

## Fisherbrand™ Easy Reader™ Polypropylene Centrifuge Tubes

- Nonpyrogenic
- Conical bottoms
- Large labeling area
- Choice of plug-seal or flat-top closures
- Sterile and nonsterile styles
- With black graduations and white marking area
- 15mL Tubes are graduated in 0.5mL subdivisions from 2 to 14.5mL
- 50mL Tubes are graduated in 5mL increments from 5 to 50mL



| Cat. No.    | Description                                   | Quantity |
|-------------|---|----------|
| <b>15mL</b> |   |          |
| 05-539-12   | PP; Flat top closure; Sterile; In rack        | 500/CS   |
| 05-539-4    | PP; Plug seal closure; Sterile; In sleeve     | 500/CS   |
| 05-539-5    | PP; Plug seal closure; Sterile; In rack       | 500/CS   |
| 07-200-886  | PP; Flat top closure; Sterile; In sleeve      | 500/CS   |
| <b>50mL</b> |   |          |
| 05-539-13   | PP; Flat top closure; Sterile; In sleeve      | 500/CS   |
| 05-539-6    | PP; Plug seal closure; Sterile; In rack       | 500/CS   |
| 05-539-7    | PP; Plug seal closure; Sterile; In sleeve     | 500/CS   |
| 05-539-8    | PP; Flat top closure; Sterile; In rack        | 500/CS   |
| 05-539-9    | PP; Plug seal closure; Non-sterile; In sleeve | 500/CS   |

## Fisherbrand™ Higher-Speed Easy Reader™ Plastic Centrifuge Tubes

- Made of durable, chemical-resistant, clear polypropylene
- Black printed graduations are marked in 5mL increments from 5 to 50mL
- Large white marking area makes labeling samples easy
- With conical bottoms
- Tubes are sterilized by gamma radiation
- Nonpyrogenic



### Two Cap Styles

- Both styles offer secure, leak-resistant seals
- Blue plug-seal closure features double-start thread design for an exceptionally tight seal
- Flat-top caps offer faster handling and allow you to label the top of the tube

| Cat. No.                 | Description | Quantity |
|--------------------------|-------------|----------|
| <b>Flat top closure</b>  |             |          |
| 06-443-18                | In rack     | 500/CS   |
| 06-443-19                | In sleeve   | 500/CS   |
| <b>Plug seal closure</b> |             |          |
| 06-443-20                | In rack     | 500/CS   |
| 06-443-21                | In sleeve   | 500/CS   |

### Reusable Glass Test Tubes

## PYREX™ Reusable Borosilicate Glass Tubes with Plain End

- Rimless, round-bottom tubes provide greater convenience for plugging and rack storage
- Walls and bottom are of uniform thickness
- Ends are fire-polished



| Cat. No. | Description        | Quantity |
|----------|--------------------|----------|
| 14-957AA | O.D. × L: 6 × 50mm | 72/PK    |

### Tube Screw Caps

## Corning™ Screw Caps for Disposable Culture Tubes

- Made of a black phenolic compound
- Disposable
- Autoclavable



| Cat. No.  | Description        | Quantity |
|-----------|--------------------|----------|
| C99999-13 | GPI Thread: 13-415 | 1000/CS  |

### Tube Snap Caps

## Fisherbrand™ Snap Caps for Nonsterile Plastic Tubes

### 12mm cap fits tubes:

- 14-961-10
- 14-961-10A
- 14-961-11
- 14-961-13
- 14-959-16
- 14-959-16A



### 17mm cap fits tubes:

- 14-956-7E
- 14-956-8J

| Cat. No.                      | Description | Quantity |
|-------------------------------|-------------|----------|
| <b>Material: Polyethylene</b> |             |          |
| 14-956-15                     | 17mm        | 1000/PK  |
| 14-961-12                     | 12mm        | 1000/PK  |

### Vials and Vial Inserts

#### Glass Sample Vials

## Fisherbrand™ Class A Clear Glass Threaded Vials

- Low alkali content
- Borosilicate glass vials free of calcium, magnesium and zinc



| Cat. No.                       | Description         | Quantity |
|--------------------------------|---------------------|----------|
| <b>Capacity: 1 dr. (3.7mL)</b> |                     |          |
| 03-339-25B                     | O.D. × H: 15 × 45mm | 144/PK   |

#### Glass Scintillation Vials

## Fisherbrand™ 7mL Borosilicate Glass Scintillation Vial

- Volume: 7mL
- Closure: White plastic screw cap with cork-backed metal foil liner



| Cat. No.  | Description   | Quantity |
|-----------|---------------|----------|
| 03-337-26 | Capacity: 7mL | 1000/CS  |

## Plastic Sample Vials

## National Scientific BioStor™ Screw Cap Vials, Conical

- Circular 3mm syringe port in cap which is easily pierced for radioisotope labeling and fraction collecting
- Inert, LN2-grade polypropylene protects critical sample viability at extreme temperatures ranging from +121C to -195C (LN2 vapor phase)
- Two-turn closure design ensures that tightening of unique screw-cap will uniformly compress "O"-ring against beveled seat, eliminating distortion and maintaining seal integrity
- Vials, caps and ethylene/propylene "O"-rings chemical-resistant and autoclavable with cap loosened
- Molded-in volume lines and etched writing panels on vials and caps will not crack off or dissolve
- External ribs on vials position and lock into serrated holes in metal BioStor Racks, allowing single-handed opening and closing of screw-caps
- Available in natural and ainbow pack



| Cat. No.       | Description      | Quantity |
|----------------|------------------|----------|
| <b>Conical</b> |                  |          |
| 11-844-17      | RainbowPack; 2mL | 1000/CS  |

## Waste Disposal Containers

## Biohazardous Waste Disposal Containers [Safety]

## Bel-Art™ Scienceware™ Waste Disposal Can with Lift-up Cover

- Sized for benchtop or floor placement
- One piece hinged lid protects users from contact with contents; helps retain odors and contain airborne contaminants
- Molded of polypropylene for long service life
- Puncture-resistant; autoclavable at 121°C (250°F)
- Fits 19 × 23" autoclave bags
- Secured with an internal stainless steel wire bar



| Cat. No.   | Description                 | Quantity |
|------------|-----------------------------|----------|
| 11-394-450 | Hamper, benchtop, biohazard | 1/EA     |

## Eagle™ Step-On Biohazard Waste Containers

- Foot lever opens container for hands-free operation
- HDPE construction won't rust or dent
- Labeled to advise workers of potential biohazards



| Cat. No. | Description      | Quantity |
|----------|------------------|----------|
| 18-880A  | Capacity: 6 gal. | 1/EA     |

## Medical Action Saf-T Tainer™ Waste Container

- Rectangular, easy-to-assemble container stacks for convenient storage until incinerated
- Integral handles for safe handling
- Unassembled containers store flat to conserve space



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 22-286-196 | 2.5 gal.    | 10/PK    |

## General Purpose Waste Disposal Containers

## Rubbermaid™ Step-On Waste Containers

- Quiet, heavy-duty foot pedal conveniently opens durable plastic lid
- Seamless construction and rounded corners make disinfecting easier
- Overlapping, self-closing lid shuts tight to contain odors Puncture resistant and leakproof; won't rust or chip



| Cat. No.      | Description  | Quantity |
|---------------|--------------|----------|
| <b>8 gal.</b> |              |          |
| 15-353-23     | Red; Plastic | 1/EA     |

## Sharps Disposal Containers

## Fisherbrand™ Glass-Disposal Boxes

- Sturdy, corrugated cardboard
- With tough 2mm-thick polyethylene liner
- Identifying graphics with instructions
- Unique integral lid provides added safety



| Cat. No.                  | Description                           | Quantity |
|---------------------------|---------------------------------------|----------|
| <b>Benchtop model</b>     |                                       |          |
| 12-009-7B                 | 8L × 8W × 10 in. H (20 × 20 × 25cm)   | 6/PK     |
| <b>Floor model</b>        |                                       |          |
| 12-009-7A                 | 12L × 12W × 27 in. H (30 × 30 × 69cm) | 6/PK     |
| <b>Intermediate model</b> |                                       |          |
| 17-988-448                | 12L × 12W × 20 in. H (30 × 30 × 51cm) | 6/PK     |

## Fisherbrand™ Sharps-A-Gator™ Sharps Container for Phlebotomy

- Bright red, one-piece polypropylene container clearly marked with biohazard label
- Translucent top has convenient holder for blood tubes with a needle remover connected to the holder
- Sliding lid can snap into open position, slide fully shut without locking, or permanently lock shut
- Safe to autoclave or incinerate



| Cat. No.          | Description             | Quantity |
|-------------------|-------------------------|----------|
| <b>Color: Red</b> |                         |          |
| 22-037-970        | Capacity: 1 qt. (946mL) | 1/EA     |

## Fisherbrand™ Sharps-A-Gator™ Sharps Containers

- General-purpose sharps container with clear locking lid and marked with biohazard label
- Made from puncture-resistant polypropylene that can be autoclaved or incinerated
- Easily mount on walls and carts, nest to conserve storage space
- Color: Red



| Cat. No.   | Description              | Quantity |
|------------|--------------------------|----------|
| 14-827-104 | Capacity: 7 gal. (26.5L) | 1/EA     |
| 14-827-105 | Capacity: 7.5 gal. (28L) | 1/EA     |
| 14-827-63  | Capacity: 1 gal. (3.8L)  | 1/EA     |
| 14-827-71  | Capacity: 10 gal. (38L)  | 1/EA     |
| 22-037-959 | Capacity: 2 gal. (7.5L)  | 1/EA     |

### Water and Wastewater Testing Supplies

#### Chlorine and pH Test Kits and Test Strips

## Fisherbrand™ Plastic pH Strips

- Easy-to-use — simply dip strip in solution to be tested and match to color chart immediately
- Single color match with full 0.5" (1.27cm) matching area for quick and accurate matches
- Flip-top vial stays closed when dropped, but is easy to open with one-hand
- Sturdy vial keeps strips safe from the elements
- Full pH range (0.0-14.0) is available in a universal pH strip and finer measurements across the pH range
- 100 strips per vial; pack of 6 vials



| Cat. No.   | Description           | Quantity |
|------------|-----------------------|----------|
| 13-640-516 | pH Range: 0.0 to 14.0 | 1/EA     |
| 13-640-517 | pH Range: 5.5 to 8.0  | 1/EA     |
| 13-640-518 | pH Range: 6.5 to 13.0 | 1/EA     |
| 13-640-519 | pH Range: 5.0 to 9.0  | 1/EA     |
| 13-640-520 | pH Range: 0.0 to 6.0  | 1/EA     |

### Wipers

#### Barrier Wipers

## Fisherbrand™ BloodBloc™ Biohazard Wipers

- Soft, white absorbent wipe with bright-orange polyethylene backing is impermeable to blood, body fluids and strong solvents including xylene, xylene substitutes, acetones, ketones, alcohols and formalin
- Nonwoven cellulose captures and retains fluid; nonlinting for use with delicate instrumentation such as blood counters
- Orange flexible impermeable plastic backing prevents soak-through of pathogens and chemicals to gloves which help minimize cross-contamination when lab personal open doors or touch surfaces
- Can also be used as mats and liners; rolls can be cut to desired length
- One time use only



| Cat. No.  | Description | Quantity |
|-----------|-------------|----------|
| 06-670-15 | 8 × 9 in.   | 50/PK    |
| 06-670-5  | 4 × 4 in.   | 200/PK   |

#### Heavy Absorbency

|           |                  |        |
|-----------|------------------|--------|
| 06-670-49 | 3 × 3 in.        | 200/PK |
| 06-670-50 | 4 × 4 in.        | 200/PK |
| 06-670-51 | 8 × 9 in.        | 50/PK  |
| 06-670-52 | 11 × 16 in.      | 200/CS |
| 06-670-53 | 16 × 16 in.      | 125/CS |
| 06-670-54 | 16 in. × 100 ft. | 1/PK   |

#### Standard Absorbency

|           |                  |        |
|-----------|------------------|--------|
| 06-670-1  | 3 × 3 in.        | 250/PK |
| 06-670-35 | 4 × 4 in.        | 250/PK |
| 06-670-55 | 16 in. × 100 ft. | 1/PK   |

#### Super Absorbency

|           |                  |        |
|-----------|------------------|--------|
| 06-670-36 | 3 × 3 in.        | 200/PK |
| 06-670-38 | 16 × 22 in.      | 100/CS |
| 06-670-40 | 14 × 16 in.      | 100/CS |
| 06-670-48 | 16 in. × 100 ft. | 1/PK   |

### Wipers

#### General Purpose Wipers

## Fisherbrand™ Lab Wipers

- Designed for use in labs for general cleaning, small spills, and hazardous spill containment
- Large size: 12" x 13"
- Cloth-like material is low-lint, no loose fibers or threads
- Available in 50-pack bags, 18 bags per case (900/case)



| Cat. No.                   | Description                | Quantity |
|----------------------------|----------------------------|----------|
| <i>Size: 12L × 13W in.</i> |                            |          |
| 22-026-345                 | 50/pk, 18 packs/cs; 900/cs | 50/PK    |

## Fisherbrand™ Premium Delicate Task Wipers

- Gentle - Very gentle on surfaces, especially when wet
- Low Lint - Very low lint, especially when used wet
- Strong - Hold up extremely well in use, even when used wet
- Absorbent - Comes in multiple plies for added absorption capacity to clean larger spills



| Cat. No.     | Description                      | Quantity |
|--------------|----------------------------------|----------|
| <b>1-ply</b> |                                  |          |
| 07301005     | Small; Dimension: 4.5 × 7.9 in.  | 280/PK   |
| <b>3-ply</b> |                                  |          |
| 07301003     | Large; Dimension: 15 × 16.70 in. | 70/PK    |

## Fisherbrand™ Premium Plus Delicate Task Wipers

- Gentle - Very gentle on surfaces, especially when used wet
- Low Lint - Tightly integrated “micro” fibers result in less fiber loss for extremely low lint, especially when used wet
- Wipe Clean - Microfiber features surface area and capillary action to very effectively clean surface residue (dirt, dust, liquid) in less time
- Strong - Intertwined “micro” fibers create high tensile strength to hold up extremely well in use, even when wet
- Absorbent - Microfiber capillary action results in superior absorption rate



| Cat. No.     | Description               | Quantity |
|--------------|---------------------------|----------|
| <b>Large</b> |                           |          |
| 07301001     | Dimension: 15 × 16.70 in. | 140/PK   |
| <b>Small</b> |                           |          |
| 07301002     | Dimension: 4.5 × 7.9 in.  | 280/PK   |

## Fisherbrand™ Recycled Delicate Task Wipers

- Gentle — for delicate surfaces especially when used wet
- Low lint — helps prevent contamination
- Strong — Hold up in use
- Absorbent — Supplied in multiple plies for added absorption capacity to clean larger spills



| Cat. No.     | Description                     | Quantity |
|--------------|---------------------------------|----------|
| <b>1-ply</b> |                                 |          |
| 07-301-008   | Small; Dimension: 4.5 × 7.9 in. | 280/PK   |

## Kimberly-Clark Professional™ Kimtech Science™ Kimwipes™ Delicate Task Wipers

- Extra low-lint wipers made from 100% virgin wood fibers
- Soft, nonabrasive cellulose-fiber wipers won't scratch most delicate surfaces
- Absorb many times their own weight
- Handy one-at-a-time dispensing packs with special plastic guard to reduce airborne lint, keep contaminants out of box and reduce electrostatic discharge



| Cat. No.                               | Description                   | Quantity |
|--|-------------------------------|----------|
| <b>11.8 × 11.8 in. (30 × 30cm)</b>     |                               |          |
| 06-666-11D                             | 3-ply                         | 119/PK   |
| <b>14.7 × 16.6 in. (37.3 × 42.2cm)</b> |                               |          |
| 06-666-C                               | 1-ply                         | 140/PK   |
| <b>14.7 × 16.6 in. (37.3 × 42.2cm)</b> |                               |          |
| 06-666-11                              | 2-ply                         | 90/PK    |
| <b>1-ply</b>                           |                               |          |
| 06-666-A                               | 11.2 × 21.3cm (4.4 × 8.4 in.) | 280/PK   |

## Kimberly-Clark Professional™ Kimtech Science™ Precision Wipes™ Tissue Wipers

- Pop-Up™ Dispenser Box reduces lint and electrostatic discharge
- Coated package protects wipes from spills
- White



| Cat. No.     | Description   | Quantity |
|--------------|---------------|----------|
| <b>1-ply</b> |               |          |
| 06-677-70    | 4.4 × 8.4 in. | 280/PK   |

### Toilet and Facial Tissues

## Scott™ Hard Roll Towels



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 19-043-220 | White       | 12/CS    |



## Wound and Incision Care Products

## Adhesive Bandages

## Derma Sciences First Aid Adhesive Bandages

- Sheer, latex free
- 100% Perforations
- Individually wrapped

| Cat. No.                | Description          | Quantity |
|-------------------------|----------------------|----------|
| <i>0.87 in. (2.2cm)</i> |                      |          |
| 19-027198               | Individually wrapped | 100/PK   |

## Derma Sciences Stat Strip™ Bandages

- Sterile and latex-free
- Both styles feature snap-open wrapper for easy handling, even with gloved hands



| Cat. No.     | Description                  | Quantity |
|--------------|------------------------------|----------|
| <i>Sheer</i> |                              |          |
| 17-442-3A    | 0.75 × 3 in. (1.91 × 7.62cm) | 100/PK   |

## Elastic Bandages

## Fisherbrand™ Latex Cohesive Wrap Bandages

- Cohesive and flexible while providing excellent porosity
- Consistent compression with nonslip support
- Maintain original size and do not shrink in width
- Adhere to themselves — no clips or fasteners needed
- Quick, easy removal without scissors
- Length: 5 yd. (4.6m)



| Cat. No.           | Description   | Quantity |
|--------------------|---------------|----------|
| <b>Black</b>       |               |          |
| 22-270-312         | 2 in. width   | 36/CS    |
| <b>Dark Blue</b>   |               |          |
| 22-270-301         | 1 in. width   | 30/CS    |
| 22-270-313         | 2 in. width   | 36/CS    |
| 22-270-332         | 1.5 in. width | 48/CS    |
| <b>Green</b>       |               |          |
| 22-270-303         | 1 in. width   | 30/CS    |
| 22-270-315         | 2 in. width   | 36/CS    |
| <b>Light Blue</b>  |               |          |
| 22-270-302         | 1 in. width   | 30/CS    |
| 22-270-314         | 2 in. width   | 36/CS    |
| <b>Multi-Color</b> |               |          |
| 22-270-310         | 1 in. width   | 30/CS    |
| 22-270-324         | 2 in. width   | 36/CS    |
| 22-270-328         | 3 in. width   | 24/CS    |
| 22-270-330         | 4 in. width   | 18/CS    |
| 22-270-339         | 1.5 in. width | 48/CS    |
| <b>Neon Green</b>  |               |          |
| 22-270-304         | 1 in. width   | 30/CS    |
| 22-270-316         | 2 in. width   | 36/CS    |
| 22-270-333         | 1.5 in. width | 48/CS    |
| <b>Neon Pink</b>   |               |          |
| 22-270-305         | 1 in. width   | 30/CS    |
| 22-270-317         | 2 in. width   | 36/CS    |
| <b>Purple</b>      |               |          |
| 22-270-306         | 1 in. width   | 30/CS    |
| 22-270-318         | 2 in. width   | 36/CS    |
| 22-270-329         | 4 in. width   | 18/CS    |
| 22-270-335         | 1.5 in. width | 48/CS    |
| <b>Red</b>         |               |          |
| 22-270-307         | 1 in. width   | 30/CS    |
| 22-270-319         | 2 in. width   | 36/CS    |
| 22-270-336         | 1.5 in. width | 48/CS    |
| <b>Tan</b>         |               |          |
| 22-270-308         | 1 in. width   | 30/CS    |
| 22-270-320         | 2 in. width   | 36/CS    |
| 22-270-326         | 3 in. width   | 24/CS    |
| 22-270-337         | 1.5 in. width | 48/CS    |
| <b>Teal</b>        |               |          |
| 22-270-321         | 2 in. width   | 36/CS    |
| <b>White</b>       |               |          |
| 22-270-327         | 3 in. width   | 24/CS    |
| 22-270-338         | 1.5 in. width | 48/CS    |
| <b>Yellow</b>      |               |          |
| 22-270-323         | 2 in. width   | 36/CS    |

## Fisherbrand™ Latex-Free Cohesive Flexible Bandages

- Maintain consistent compression without slipping or restricting mobility
- High porosity; water-resistant
- Lightweight, porous material allows skin to breathe for ultimate comfort
- Adhere to themselves — no clips or fasteners needed
- Available in a wide range of colors and widths
- Length: 4.6m (5 yd.)



| Cat. No.                                | Description     | Quantity |
|---|-----------------|----------|
| <b>1 in.</b>                            |                 |          |
| 22-363-100                              | Tan             | 30/CS    |
| 22-363-101                              | Blue            | 30/CS    |
| 22-363-102                              | Purple          | 30/CS    |
| 22-363-103                              | Assorted colors | 30/CS    |
| 22-363-104                              | Pink            | 30/CS    |
| 22-363-105                              | White           | 30/CS    |
| 22-363-106                              | Red             | 30/CS    |
| 22-363-107                              | Green           | 30/CS    |
| <b>1.5 in.</b>                          |                 |          |
| 22-363-111                              | Tan             | 48/CS    |
| 22-363-112                              | Blue            | 48/CS    |
| 22-363-113                              | Purple          | 48/CS    |
| 22-363-114                              | Assorted colors | 48/CS    |
| 22-363-115                              | Pink            | 48/CS    |
| 22-363-116                              | White           | 48/CS    |
| 22-363-117                              | Red             | 48/CS    |
| 22-363-118                              | Green           | 48/CS    |
| <b>2 in.</b>                            |                 |          |
| 22-363-122                              | Tan             | 36/CS    |
| 22-363-123                              | Blue            | 36/CS    |
| 22-363-124                              | Purple          | 36/CS    |
| 22-363-125                              | Assorted colors | 36/CS    |
| 22-363-126                              | Pink            | 36/CS    |
| 22-363-127                              | White           | 36/CS    |
| 22-363-128                              | Red             | 36/CS    |
| 22-363-129                              | Green           | 36/CS    |
| <b>3 in.</b>                            |                 |          |
| 22-363-134                              | Tan             | 24/CS    |
| 22-363-135                              | Blue            | 24/CS    |
| 22-363-136                              | Purple          | 24/CS    |
| 22-363-141                              | Green           | 24/CS    |
| <b>4 in.</b>                            |                 |          |
| 22-363-145                              | Tan             | 18/CS    |
| 22-363-147                              | Assorted colors | 18/CS    |
| <b>5 yd. L x 3 in. W (4.6m x 7.6cm)</b> |                 |          |
| 22-363-137                              | Assorted colors | 24/CS    |

### Gauze Bandages

## Covidien Curity™ Sterile Gauze Sponges



| Cat. No.         | Description                                 | Quantity |
|------------------|---|----------|
| <b>4 x 4 in.</b> |   |          |
| 22-037-902       | 8 ply; Sealed in Two's in Peel-Back Package | 50/PK    |

## Fisherbrand™ Gauze Sponges

- Made of 100% cotton with the cut edges folded in
- Provide bulk, loft and high absorption for a wide range of prepping and dressing procedures
- Sterile and nonsterile variety



| Cat. No.      | Description           | Quantity |
|---------------|-----------------------|----------|
| <b>12-ply</b> |                       |          |
| 13-761-52     | 4 × 4 in.; Nonsterile | 200/PK   |
| 22-362-178    | 2 × 2 in.; Nonsterile | 200/PK   |
| 22-415-468    | 3 × 3 in.             | 100/PK   |
| 22-415-469    | 4 × 4 in.; Sterile    | 100/PK   |
| MSD-1400249   | 3 × 3 in.             | 200/PK   |
| <b>4-Ply</b>  |                       |          |
| 22-246-069    | 4 × 4 in.             | 2000/CS  |
| <b>8-ply</b>  |                       |          |
| MSD-1400250   | 4 × 4 in.             | 200/PK   |

### Surgical Tapes

## 3M™ Micropore™ Surgical Paper Tape



- Latex-free
- Gentle to skin yet adheres well
- Leaves minimal adhesive residue upon removal

| Cat. No.   | Description  | Quantity |
|------------|--------------|----------|
| 19-027-761 | Width: 1 in. | 12/PK    |

### Writing Implements

#### Pens

## Bel-Art™ Scienceware™ Glascribe™ Pen



- Tungsten carbide tip (Mohs Hardness = 9) easily inscribes identifying marks on labware
- Retractable tip operates with pen style push button
- Clips to a pocket, ready for use

| Cat. No.   | Description          | Quantity |
|------------|----------------------|----------|
| 22-186-171 | Tungsten carbide tip | 1/EA     |

## Fisherbrand™ Fine Tip Marking Pens

- Fine tip is excellent for general marking
- Highly resistant to abrasion and water
- Will not smear when subjected to water or alcohol during normal use



| Cat. No. | Description              | Quantity |
|----------|--------------------------|----------|
| 13-379-4 | Ink color: black, 10/Pk. | 10/PK    |
| 13-379-5 | Ink color: red           | 10/PK    |
| 13-379-6 | Ink color: blue          | 10/PK    |

## Fisherbrand™ Permanent Markers



- Produce precise, ultrathin lines 0.3mm wide
- Waterproof and fadeproof, permanent ink dries almost instantly
- An airtight ring seal cap prevents dry-out and ensures instant writing even after lengthy storage
- Unique stainless-steel long leg allows precise writing in a confined space

| Cat. No. | Description | Quantity |
|----------|-------------|----------|
| 13383D   | Red         | 6/PK     |

## Fisherbrand™ Securline™ Marker II Pens



- Ink is resistant to many normal laboratory solutions when used in procedures that do not require abrasive contact
- Resists a variety of such solvents as alcohol, acetone and xylene
- Perfect for histology and cytology work
- Ink will withstand steam or gas sterilization and temperatures from cryogenic to approximately 150°C (238°F)
- Line width is approximately 0.015"
- Ink dries to the touch almost immediately, but should be allowed to fix for five minutes before processing in solvent baths
- Black or red

| Cat. No.  | Description | Quantity |
|-----------|-------------|----------|
| 14-905-30 | Black       | 10/PK    |

### Diagnostics

#### Clinical Diagnostic Kits and Reagents

#### ASO Testing

## Fisher HealthCare™ Sure-Vue™ ASO Test Kit



- **CLIA Complexity:** Non-Waived
- **CPT Codes:** 86060/86063
- Two-minute latex agglutination slide test
- For the qualitative and semi-quantitative determination of antistreptolysin-O in serum
- Can be used to screen both for levels of ASO in serum greater than 200 IU/mL and levels of ASO greater than 100 IU/mL using an alternative sampling
- Can also be used to determine titers of ASO in serum using the semi-quantitative technique
- For in vitro diagnostic use

| Cat. No.   | Description     | Quantity |
|------------|-----------------|----------|
| 23-038-000 | Two-minute test | 50/PK    |
| 23-046-388 | 500 Tests       | 500/PK   |

### Blood Bank Reagents

## Fisherbrand™ Blood Bank Saline



- Consists of a w/v isotonic NaCl solution
- Special processing assures extremely low particle count
- 2.64 gal. (10L) and 5.28 gal. (20L) sizes supplied in cubitainers

| Cat. No.            | Description     | Quantity |
|---------------------|-----------------|----------|
| <b>Buffered</b>     |                 |          |
| 23-309-178          | 5.28 gal. (20L) | 1/EA     |
| 23-312-651          | 2.64 gal. (10L) | 1/EA     |
| <b>Non-buffered</b> |                 |          |
| 23-062-125          | 2.64 gal. (10L) | 1/EA     |
| 23-293-184          | 1 gal. (3.78L)  | 4/CS     |
| 23-535-435          | 5.28 gal. (20L) | 1/EA     |

### Clinical Solutions

## Thermo Scientific™ Reagent Grade Deionized Water



- For use in flame photometry, blood gas humidifying chambers, electrode maintenance and instrument cleaning
- Classified as Reagent Grade Water by NCCLS standards
- Not intended for infusion, injection or irrigation

| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 23-290-065 | 16 oz.      | 12/CS    |
| 23-751-610 | 128 oz.     | 1/EA     |
| 23-751-628 | 640 oz.     | 1/EA     |

### Coagulation Controls

## Thermo Scientific™ Pacific Hemostasis™ Coagulation Controls



- Control plasmas provides accurate, reproducible confirmation of coagulation test system performance
- Coagulation and heparin control plasmas are prepared from fresh pools of human plasma

| Cat. No.                                      | Description | Quantity |
|---|-------------|----------|
| <b>Coagulation Control Level 1 (Normal)</b>   |             |          |
| 17-619-8                                      | 10 × 1mL    | 10/PK    |
| <b>Coagulation Control Level 2 (Abnormal)</b> |             |          |
| 17-621-4                                      | 10 × 1mL    | 10/PK    |
| <b>Coagulation Control Level 3 (Abnormal)</b> |             |          |
| 17-623-0                                      | 10 × 1mL    | 10/PK    |
| <b>Fibrinogen High Control</b>                |             |          |
| 23-033-240                                    | 10 × 1mL    | 10/PK    |
| <b>Fibrinogen Low Control</b>                 |             |          |
| 23-305-081                                    | 10 × 1mL    | 10/PK    |
| <b>INR Plasma Control, Levels 1-5</b>         |             |          |
| 23-029-227                                    | 10 × 1mL    | 10/PK    |

## CRP Testing

## Fisher HealthCare™ Sure-Vue™ CRP Latex Test Kit

- **CLIA Complexity:** Non-Waived
- **CPT Code:** 86140/86318
- Sensitivity: 6mg/L serum
- Latex agglutination slide test
- Test results in two minutes
- Qualitative and semi-quantitative test for the determination of serum CRP, an indicator of acute infection and illness
- For in vitro diagnostic use



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 23-038-001 | 50 tests    | 50/PK    |
| 23-046-389 | 500 tests   | 500/PK   |

## ESR Testing

## Fisherbrand™ Dispette™ 2

- Polystyrene design is shatterproof and safe to handle
- "Triple plug" tip design provides a unique protective barrier from accidental overfilling of the pipet tube and spillage of blood
- Pierceable reservoir cap provides greater tactile feedback during pipet insertion and eliminates the need to remove the cap before insertion, improving safety
- Reservoir cap provides enlarged mixing space to ensure adequate mixing of blood and saline
- "Sealing ring" molded into reservoir below fill line ensures correct filling when inserted into the reservoir and helps to prevent leaks
- Restricted end of reservoir acts as an extra safety feature — slows downward movement of the tube during insertion and providing a buffered stop
- Pre-filled reservoirs ensure the correct dilution following recommended Westergren ESR method when 1mL of EDTA blood is added



| Cat. No.   | Description        | Quantity |
|------------|--------------------|----------|
| 02-675-179 | Dispette 2 ESR Kit | 100/PK   |

## Fisherbrand™ Disposable Wintrobe Tube

- Precision-scaled from the interior base
- Ideal for determining sedimentation rates and hematocrit values



| Cat. No.                  | Description          | Quantity |
|---------------------------|----------------------|----------|
| <i>Tube length: 115mm</i> |                      |          |
| 22-150-730                | Inside diameter: 3mm | 200/PK   |

## FDP Assay Reagents

## Fisher Diagnostics™ Pacific Hemostasis™ FDP Assay

- Latex sensitivity of 1µg/mL of FDP
- No pretreatment of heparin specimen
- No repeat testing due to false positives from heparin interference



| Cat. No.   | Description   | Quantity |
|------------|---|----------|
| 22-249-990 | Sample Collection Tubes for FDP, 30/PK.             | 30/PK    |
| 22-279-357 | FDP Positive and Negative Control Set, 3 × 2mL Each | 3/PK     |
| 23-249-989 | FDP Assay Kit, 30 Determinations                    | 30/PK    |
| 23-249-991 | FDP Latex Reagent, 1 × 5mL                          | 1/EA     |
| 23-262-567 | Glycine Buffered Saline, 2 × 100mL                  | 2/PK     |

## FOBT Testing

## Fisher HealthCare™ Sure-Vue™ Fecal Occult Blood Slide Test System

- Take-Home Kits include one FOBT triple slide with on-slide monitors, one mailing envelope, three applicator sticks, tissues and instructions
- Use single slides when bleeding in the gastrointestinal tract is strongly suspected as in persons with symptoms of ulcers, black stools or in post-operative patients
- Use triple slides for serial testing as recommended by the American Cancer Society for screening of asymptomatic patients



| Cat. No.  | Description                             | Quantity |
|---|---|----------|
| <b>1,000 Single Slides Kit</b> <i>FOBT Single Slide Tests, Extra-Sensitive method</i> |   |          |
| 23-038-041  | 1000 Tests                              | 1000/PK  |
| <b>FOBT Developer</b>   |   |          |
| 23-038-033  | Traditional Guaiac method; 15mL Bottles | 20/PK    |
| 23-038-037  | Extra-Sensitive method; 15mL Bottles    | 20/PK    |
| <b>FOBT Single Slide Tests</b>  |   |          |
| 23-038-031  | Traditional method; 100 Tests           | 100/PK   |
| 23-038-040  | Traditional method; 1000 Tests          | 1000/PK  |
| <b>FOBT Single Slide Tests, Extra-Sensitive method</b>                                |   |          |
| 23-038-035  | 100 Tests                               | 100/PK   |
| <b>FOBT Take Home Kit</b>   |   |          |
| 23-038-032  | Traditional Guaiac method; 80 Kits      | 80/PK    |
| 23-038-036  | Extra-Sensitive method; 80 Kits         | 80/PK    |

**H. pylori Testing****Fisher HealthCare™ Sure-Vue™ H. pylori Test Kit**

- **CLIA Complexity:** Moderate and Waived
- **CPT Codes:** 86677/86318QW
- Sensitivity: 88%†
- Specificity: 88%†
- Qualitative, membrane strip-based immunoassay for detection of IgG antibodies to *Helicobacter pylori* (*H. pylori*)
- Results in 10 minutes
- Store at room temperature or in refrigerator
- For professional, in vitro use only



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 23-900-535 | 30 Tests    | 30/PK    |

**Immunoassay Testing****BD Diagnostic Systems Salmonella and Shigella Typing Antisera**

| Cat. No.    | Description                                | Quantity |
|-------------|--|----------|
| DF2836-47-1 | Shigella Poly Group C, S. boydii Types 1-7 | 1/EA     |

**Mononucleosis Testing****Fisher HealthCare™ Sure-Vue™ Color Mono Test Kit**

- **CLIA Complexity:** Non-Waived
- **CPT Code:** 86308
- Color-enhanced slide test designed for detection of infectious mononucleosis heterophile antibodies in serum or plasma
- Test results in two minutes
- Sensitivity: 97.9%
- Specificity: 95.8%
- For in vitro diagnostic use



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 23-038-016 | 24 tests    | 24/PK    |
| 23-038-017 | 50 tests    | 50/PK    |

**Fisher HealthCare™ Sure-Vue™ Mono Latex Test Kit**

- **CLIA Complexity:** Non-Waived
- **CPT Code:** 86308
- Latex agglutination slide test designed for the qualitative and semi-quantitative detection of infectious mononucleosis heterophile antibodies in serum and plasma
- Test results in three minutes
- Sensitivity of 99% and specificity of 99.4%
- For in vitro diagnostic use



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 23-038-006 | 50 tests    | 50/PK    |
| 23-038-007 | 150 tests   | 150/PK   |
| 23-038-008 | 1000 Tests  | 1000/PK  |

**Fisher HealthCare™ Sure-Vue™ Signature Mono Test Kit**

- **CLIA Complexity:** Whole blood-Waived; Serum/Plasma-Moderate
- **CPT Code:** 86308
- Sensitivity: 100%
- Specificity: 96.0%
- Test Time: five minutes
- Internal procedural controls and positive and negative external controls included
- Sample Types: Serum, plasma, whole blood



| Cat. No.   | Description                      | Quantity |
|------------|----------------------------------|----------|
| 23-200-275 | Sure-Vue Signature Mono Test kit | 25/PK    |

**Pregnancy [hCG] Tests****Fisher HealthCare™ Sure-Vue™ Test Kit Controls**

- Controls for Sure-Vue Urine hCG, Sure-Vue Serum/Urine hCG, and Sure-Vue hCG STAT Test Kits
- For professional in vitro diagnostic use only



| Cat. No. | Description        | Quantity |
|----------|--------------------|----------|
| SA087413 | Urine hCG Controls | 3/PK     |
| SA087712 | Serum hCG Controls | 3/PK     |
| SA087715 | STAT hCG Controls  | 3/PK     |

**Prothrombin Time [PT] Reagents****Fisher Diagnostics™ Pacific Hemostasis™ Prothrombin Time (PT) Reagents**

- PT test is widely accepted as the means to monitor patients on oral anticoagulant therapy
- Compatible with automated, semi-automated or manual systems
- Reconstitution stability: 7 days at 2° to 8°C (36° to 46°F)
- Dried rabbit brain thromboplastin



| Cat. No.                 | Description | Quantity |
|--------------------------|-------------|----------|
| <b>Thromboplastin-D</b>  |             |          |
| 17-606-5                 | 10 × 4mL    | 1/PK     |
| 17-609-9                 | 10 × 10mL   | 1/PK     |
| <b>Thromboplastin-DS</b> |             |          |
| 29-227-3                 | 10 × 4mL    | 10/PK    |
| 29-227-4                 | 10 × 10mL   | 10/PK    |

## Respiratory Viral Testing

## Fisher HealthCare™ Sure-Vue™ RSV Test Kit

- **CLIA Complexity:** Waived and Moderate
- **CPT Codes:** 87807QW, 87807
- Sensitivity: >99%
- Specificity: >99%
- Results in 15 minutes
- Specimen types: Nasopharyngeal washes, aspirates and swabs
- Built-in procedural control



| Cat. No. | Description | Quantity |
|----------|-------------|----------|
| SA041130 | 30 tests    | 30/PK    |

## RF Testing

## Fisher HealthCare™ Sure-Vue™ RF Rapid Latex Test Kit

- **CLIA Complexity:** Non-Waived
- **CPT Codes:** 86430/86318
- Latex agglutination test for the qualitative and semi-quantitative determination of rheumatoid factor in serum
- Can be used to both screen for levels of RF in serum greater than 10 IU/mL and determine titers of RF in serum in IU/mL using the semi-quantitative technique
- For in vitro diagnostic use



| Cat. No.   | Description              | Quantity |
|------------|--------------------------|----------|
| 23-038-002 | 100 tests                | 100/PK   |
| 23-038-003 | RF Rapid Latex Test Kit  | 50/PK    |
| 23-038-018 | Slide 6-well Disp 108/pk | 108/PK   |
| 23-038-019 | Slide 30-well Disp 25/pk | 25/PK    |

## Rotavirus Testing

## Fisher HealthCare™ Sure-Vue™ Rota Test Kit

- **CLIA Complexity:** Non-Waived
- **CPT Code:** 87425
- Rapid membrane-based immunogold assay for the qualitative detection of rotavirus antigen in human fecal specimens; aids in the diagnosis of acute gastroenteritis caused by rotavirus infection
- Preliminary test results in 30 seconds; final results in 15 minutes
- Sensitivity and specificity of 100% compared to electronmicroscopy
- For in vitro diagnostic use only



| Cat. No. | Description                             | Quantity |
|----------|---|----------|
| SA069101 | Positive and Negative Controls, 2 x 1mL | 2/PK     |
| SA069111 | Rota Test Kit                           | 25/PK    |

## Rubella Testing

## Fisher HealthCare™ Sure-Vue™ Rubella Latex Test Kit

- **CLIA Complexity:** Non-Waived
- **CPT Codes:** 86762/86406
- Sensitivity: 99.5%
- Specificity: 96.1%
- Non-dilution: 1-2 IU sensitivity; dilution: 10 IU sensitivity
- Latex agglutination slide test for the qualitative and semi-quantitative determination of rubella virus antibodies in serum
- Test results in eight minutes
- Reagent is a suspension of polystyrene latex particles of uniform size coated with soluble rubella virus antigen from disrupted virus
- For in vitro diagnostic use



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 23-038-004 | 100 tests   | 100/PK   |
| 23-038-005 | 500 tests   | 500/PK   |

## Fisher HealthCare™ Sure-Vue™ SELECT Rubella Latex Test

- **CLIA Complexity:** Non-Waived
- **CPT Codes:** 86762/86406
- Sensitivity: 100%
- Specificity: 98.6%
- Rapid latex agglutination test for the qualitative and semi-quantitative detection of both IgG and IgM anti-rubella virus antibodies in serum
- Results in five minutes
- For in vitro diagnostic use



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 23-038-060 | 100 tests   | 100/PK   |
| 23-038-062 | 500 tests   | 500/PK   |

## Salmonella Testing Supplies

## Pro-Lab Diagnostics Vision™ Salmonella Slide Agglutination Antisera

- All sera produced in conjunction with the *Salmonella* reference section of the Veterinary Laboratory Agency, Weybridge, UK
- Range includes a full panel of polyvalent somatic antisera, monovalent somatic antisera, polyvalent flagella antisera and monovalent flagella antisera for traditional slide agglutination testing
- Shelf life up to five years from date of manufacture



| Cat. No.                  | Description              | Quantity |
|---------------------------|--------------------------|----------|
| <b>Polyvalent Somatic</b> |                          |          |
| 22-286-230                | Polyvalent O; A - I + Vi | 1/EA     |

## Sickle Cell Testing

## Fisher Diagnostics Pacific Hemostasis™ SickleScreen™ Assay Kit

- The procedure is based on the differential solubility of Hemoglobin S (Hb S) and Hemoglobin A (Hb A) in concentrated phosphate solution
- The 120-test kit contains phosphate buffer (4x125mL) and four sodium hydrosulfite vials
- The 30-test kit contains a bottle of phosphate buffer (125mL) with a dispensing cap and 30 pre-filled reaction vials
- Positive and negative controls are for Hb A and Hb S



| Cat. No.   | Description                                  | Quantity |
|------------|--|----------|
| 22-251-050 | SickleScreen Assay Set, 30-Determination Kit | 30/PK    |
| 22-251-051 | SickleScreen Control Set, 4 × 0.5mL          | 1/PK     |
| 22-251-053 | SickleScreen Reading Rack                    | 1/EA     |
| 23-262-375 | SickleScreen Assay Kit                       | 120/PK   |

## Staphylococcus Testing

## Fisher HealthCare™ Sure-Vue™ Color Staph ID Latex Test Kit

- **CLIA Complexity:** Non-Waived
- **CPT Code:** 87077
- Sensitivity: 99%
- Specificity: 100%
- Latex agglutination slide test for the qualitative detection of *Staphylococcus aureus* from primary cultures
- Produces visible red agglutination in a blue background when results are positive
- Results within 30 seconds
- Unused reagents can safely be used up to expiration date stamped on the box with prompt recapping and refrigeration
- For in vitro diagnostic use



| Cat. No.   | Description   | Quantity |
|------------|---------------|----------|
| 23-046-500 | 150 Tests/kit | 150/PK   |
| 23-046-501 | 300 Tests/kit | 300/PK   |

## Fisher HealthCare™ Sure-Vue™ SELECT Staph Latex Test Kit

- **CLIA Complexity:** Non-Waived
- **CPT Code:** 87077
- Sensitivity: 100%
- Specificity: 97%
- Latex agglutination slide test for the qualitative detection of *Staphylococcus aureus* from primary cultures
- Latex reagent responds to clumping factor and/or protein A, two characteristics associated with *Staphylococcus aureus* colonies from cultures
- Produces visible red agglutination on an opaque background when results are positive
- Unused reagents can safely be used up to expiration date stamped on the box with prompt recapping and refrigeration
- For in vitro diagnostic use



| Cat. No.                           | Description   | Quantity |
|------------------------------------|---------------|----------|
| 23-046-870                         | 300 tests     | 300/PK   |
| <b>SELECT Staph Latex Test Kit</b> |               |          |
| 23-038-056                         | 150 Tests/kit | 150/PK   |

## Streptococcus Testing

## Fisher HealthCare™ Sure-Vue™ Signature Strep A Test Kit

- **CLIA Complexity:** Waived
- **CPT Code:** 87880QW
- Sensitivity: 95.7%
- Specificity: 100.0%
- Test Time: five minutes
- Sample Type: throat swabs



| Cat. No.   | Description      | Quantity |
|------------|------------------|----------|
| 23-200-276 | Strep A Test kit | 50/PK    |

## Fisher HealthCare™ Sure-Vue™ Strep A Lateral Flow Test Kit

- **CLIA Complexity:** Waived
- **CPT Code:** 87081
- Sensitivity: 97%
- Specificity: 95%
- Intended for use as an aid in the diagnosis of Group A Streptococcal infection
- Results in five minutes
- Membrane strip coated with rabbit anti-Strep A antibody on the test band region and goat anti-rabbit antibody on the control band region
- Control band verifies sufficient volume has been added and proper flow is obtained
- For in vitro diagnostic use only



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 23-900-532 | 27 Tests    | 27/PK    |

## Syphilis Testing

## Arlington Scientific RPR Test Cards

For use with ASI RPR Test Kits



| Cat. No.   | Description                   | Quantity |
|------------|-------------------------------|----------|
| 22-415-133 | RPR Test Card 10 Well 300/Cs. | 300/CS   |

## Fisher HealthCare™ Sure-Vue™ RPR Accessories

- Antigen detects “reagin” present in serum of syphilitic patients
- For in vitro diagnostic use



| Cat. No.                       | Description        | Quantity |
|--------------------------------|--------------------|----------|
| <b>Dispensing Pipets</b>       |                    |          |
| 23-038-015                     | 500/Pk.            | 500/PK   |
| <b>RPR Antigen Suspension</b>  |                    |          |
| 23-038-011                     | 1 × 9mL            | 1/EA     |
| <b>RPR Test Kit</b>            |                    |          |
| 23-038-009                     | 100 tests          | 100/PK   |
| 23-038-010                     | 500 tests          | 500/PK   |
| 23-038-012                     | 3 × 1.5mL Controls | 3/PK     |
| 23-038-020                     | 30-well            | 5000/PK  |
| 23-038-021                     | 10-well            | 5000/PK  |
| <b>RPR titer control, 1:16</b> |                    |          |
| 23-029-966                     | 1 Ea.              | 1/EA     |
| <b>Slide 10-well RPR Disp</b>  |                    |          |
| 23-038-013                     | 50/Pk.             | 50/PK    |
| <b>Slide 30-well RPR Disp</b>  |                    |          |
| 23-038-014                     | 25/Pk.             | 25/PK    |

## Urine Reagent Strips

## Fisherbrand™ Urine Reagent Strips

- 10-parameter format
- Reliable and consistent results with excellent sensitivity
- CLIA waived†



| Cat. No.   | Description              | Quantity |
|------------|--------------------------|----------|
| 23-111-262 | 10-Parameter test strips | 100/PK   |

## Urine Sediment Testing

## Fisherbrand™ Urine Sedimentation System

- 15mL graduated urine tube in economical or break-resistant polystyrene
- Decanting pipet allows supernatant to be decanted off; leaves 1mL of urine-containing sediment in the bottom of the tube



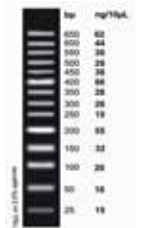
| Cat. No.                        | Description | Quantity |
|---------------------------------|-------------|----------|
| <b>15mL Economy tubes</b>       |             |          |
| 14-375-561                      | 500/cs.     | 500/CS   |
| <b>15mL Super Tubes</b>         |             |          |
| 14-375-562                      | 500/cs.     | 500/CS   |
| <b>15mL Tubes with caps</b>     |             |          |
| 14-375-249                      | 1000/cs.    | 1000/CS  |
| <b>Bulb Decanting Pipetter</b>  |             |          |
| 14-375-560                      | 500/cs.     | 500/PK   |
| <b>Caps for urine tubes</b>     |             |          |
| 14-375-238                      | 1000/cs.    | 1000/CS  |
| <b>Trans IM Tubes with Caps</b> |             |          |
| 14-377-260                      | 500/cs.     | 500/CS   |

## Electrophoresis Reagents

## Molecular Weight Markers [Nucleic Acid]

## Fisher BioReagents™ ex ACTGene™ DNA Ladders

- Specially engineered to provide blunt-end DNA of precise length for better band quality than classic markers
- Ideal for size assessment and quantitative determination of DNA mass
- Contain loading dye to reduce pipetting steps and save time
- Have two or three high intensity reference bands for better sizing
- Provided in sufficient quantity to load 100 lanes



| Cat. No.                     | Description            | Quantity |
|------------------------------|------------------------|----------|
| <b>100 bp PCR DNA ladder</b> |                        |          |
| BP2571100                    | 25 to 1000bp; 12 bands | 1/EA     |

## Hematology Stains

## Fisher HealthCare™ PROTOCOL™ Hema 3™ Fixative and Solutions



| Cat. No.   | Description               | Quantity |
|------------|---------------------------|----------|
| 23-122-929 | Hema 3 Fixative, 1 gal.   | 1/EA     |
| 23-122-937 | Hema 3 Solution 1, 1 gal. | 1/EA     |
| 23-122-952 | Solution 2                | 1/EA     |



## Fisher HealthCare™ PROTOCOL™ Hema 3™ Manual Staining System and Stat Pack



| Cat. No.   | Description              | Quantity |
|------------|--------------------------|----------|
| 22-122-911 | Hema 3 System, 3 × 500mL | 3/PK     |
| 23-123-869 | Hema 3 Stat Pack         | 1/EA     |

## Fisher HealthCare™ PROTOCOL™ Hema-G Stains for Geometric Data Hemastainer™

- All PROTOCOL Hematology Stains are prepared with materials certified by the Biological Stain Commission to ensure purity
- Manufactured with strict quality control measures to ensure lot-to-lot uniformity, including extensive analytical and performance testing on human specimens
- Carefully balanced for optimum staining pH
- Remain stable for a minimum of 12 months when stored at room temperature
- Allow varied staining times to suit individual preferences
- Packaged in durable plastic bottles for safety and easy handling
- Convenient finger tabs and clear reagent identification eliminate improper line connection



| Cat. No.   | Description                          | Quantity |
|------------|--------------------------------------|----------|
| 23-011-114 | Wright Stain, Hema-g Optimized       | 1/EA     |
| 23-011-115 | Hema-g Optimized W/g Stain           | 1/EA     |
| 23-247-056 | Wright Stain, Regular                | 1/EA     |
| 23-247-057 | Wright-Giemsa Stain, Regular, 1 gal. | 1/EA     |
| 23-247-058 | 1 gal.                               | 1/EA     |
| 23-247-059 | Dry Buffer                           | 1/EA     |
| 23-247-060 | Fixative, 1 gal.                     | 1/EA     |

## Fisher HealthCare™ PROTOCOL™ Hema-Quik™ and Hema-Quik II Stain Solutions

- All PROTOCOL Hematology Stains are prepared with materials certified by the Biological Stain Commission to ensure purity
- Manufactured with strict quality control measures to ensure lot-to-lot uniformity, including extensive analytical and performance testing on human specimens
- Remain stable for a minimum of 12 months when stored at room temperature
- Allow varied staining times to suit individual preferences
- Packaged in durable plastic bottles for safety and easy handling
- Convenient finger tabs and clear reagent identification eliminate improper line connection



| Cat. No.                                     | Description | Quantity |
|--|-------------|----------|
| <b>Hema-Quik II Stat Pack</b>                |             |          |
| 23-200-725                                   | 1L          | 1/EA     |
| 23-206-441                                   | 90mL        | 1/PK     |
| <b>Hema-Quik II Stat Pack Stain solution</b> |             |          |
| 23-751-784                                   | 1 gal.      | 1/EA     |
| <b>Hema-Quik Stat Pack</b>                   |             |          |
| 23-123-745                                   | 1L          | 1/EA     |
| 23-123-919                                   | 90mL        | 1/EA     |
| 23-250-466                                   | 1 gal.      | 1/EA     |

## Fisher HealthCare™ PROTOCOL™ Stains for HEMA-TEK™ Automated Slide Stainers

- All PROTOCOL Hematology Stains are prepared with materials certified by the Biological Stain Commission to ensure purity
- Manufactured with strict quality control measures to ensure lot-to-lot uniformity, including extensive analytical and performance testing on human specimens
- Carefully balanced for optimum staining pH
- Remain stable for a minimum of 12 months when stored at room temperature
- Packaged in durable plastic bottles for safety and easy handling
- Convenient finger tabs and clear reagent identification eliminate improper line connection



| Cat. No.                        | Description | Quantity |
|---------------------------------|-------------|----------|
| <b>Wright Giemsa Stain Pack</b> |             |          |
| 23-036-221                      | Each        | 1/EA     |
| 23-036-507                      | Cs. Of 5    | 5/CS     |
| <b>Wright Stain Pack</b>        |             |          |
| 23-036-222                      | Each        | 1/EA     |
| 23-036-506                      | Cs. Of 5    | 5/CS     |

## Fisher HealthCare™ PROTOCOL™ Wright and Wright-Giemsa Stain Solutions

| Cat. No.             | Description | Quantity |
|----------------------|-------------|----------|
| <b>Wright</b>        |             |          |
| 23-200-733           | 1L          | 1/EA     |
| 23-264-980           | 16 oz.      | 1/EA     |
| 23-264-981           | 1 gal.      | 1/EA     |
| <b>Wright-Giemsa</b> |             |          |
| 23-264-983           | 16 oz.      | 1/EA     |
| 23-264-984           | 32 oz.      | 1/EA     |
| 23-264-985           | 1 gal.      | 1/EA     |

### Histological and Cytological Stains

## Fisher HealthCare™ PROTOCOL™ Histological/Cytological Stains



| Cat. No.  | Description | Quantity |
|---|-------------|----------|
| <b>Bluing Agent</b>                                   |             |          |
| 23-245-681  | 4L          | 1/EA     |
| <b>Cyto-Quik Combo EA/OG Stain</b>                    |             |          |
| 23-310-349  | 3.8L        | 1/EA     |
| <b>Eosin Y, 1% Alcohol</b>                            |             |          |
| 23-245-658  | 1L          | 1/EA     |
| 23-245-827  | 4L          | 1/EA     |
| <b>Eosin Y, Intensified</b>                           |             |          |
| 23-314-630  | 1L          | 1/EA     |
| 23-314-631  | 3.8L        | 1/EA     |
| <b>Gill Hematoxylin (1X)</b>                          |             |          |
| 23-245-653  | 4L          | 1/EA     |
| <b>Gill Hematoxylin (2X)</b>                          |             |          |
| 23-245-654  | 475mL       | 1/EA     |
| 23-245-655  | 4L          | 1/EA     |
| <b>Gill Hematoxylin (3X)</b>                          |             |          |
| 23-245-656  | 475mL       | 1/EA     |
| 23-245-657  | 4L          | 1/EA     |
| <b>Gomori Trichrome</b>                               |             |          |
| 23-245-679  | 500mL       | 1/EA     |
| <b>Harris Hematoxylin, Mercury-free</b>               |             |          |
| 23-245-651  | 4L          | 1/EA     |
| 23-245-677  | 475mL       | 1/EA     |
| <b>Harris Hematoxylin, Mercury-free Acidified</b>     |             |          |
| 23-245-678  | 4L          | 1/EA     |
| <b>Harris Hematoxylin, Mercury-free Non-acidified</b> |             |          |
| 23-245-697  | 4L          | 1/EA     |

### Microbiology Products

#### Microbiology Stains Dyes and Indicators

## Fisher Diagnostics™ PROTOCOL™ Individual Gram Stains

- Decolorizer available in two different acetone/isopropanol ratios: 1:4 and 1:1
- Dispenser caps are provided with the 8 oz. and 16 oz. sizes
- Gallon-size Iodine is available as traditional diluent/concentrate or as ready-to-use Lugol's

| Cat. No.                                     | Description | Quantity |
|--|-------------|----------|
| <b>Crystal Violet</b>                        |             |          |
| 23-255-960                                   | 16 oz.      | 4/CS     |
| 23-270-180                                   | 1 gal.      | 1/EA     |
| 23-291-472                                   | 8 oz.       | 4/CS     |
| <b>Decolorizer</b>                           |             |          |
| 23-255-962                                   | 16 oz.      | 4/CS     |
| 23-291-474                                   | 8 oz.       | 4/CS     |
| <b>Decolorizer (1:1)</b>                     |             |          |
| 23-265-691                                   | 16 oz.      | 4/CS     |
| 23-278-651                                   | 1 gal.      | 1/EA     |
| <b>Decolorizer acetone/isopropanol (1:4)</b> |             |          |
| 23-270-182                                   | 1 gal.      | 1/EA     |
| <b>Gram Decolorizer</b>                      |             |          |
| 23-291-475                                   | 8 oz.       | 4/CS     |
| <b>Iodine</b>                                |             |          |
| 23-255-961                                   | 16 oz.      | 4/CS     |
| 23-270-181                                   | 1 gal.      | 4/CS     |
| 23-291-473                                   | 8 oz.       | 4/CS     |
| <b>Iodine Stabilized</b>                     |             |          |
| 23-005-84                                    | 8 oz.       | 4/CS     |
| 23-005-85                                    | 1 gal.      | 4/CS     |
| <b>Lugol's Iodine</b>                        |             |          |
| 23-270-184                                   | 1 gal.      | 1/EA     |
| <b>Safranin</b>                              |             |          |
| 23-255-963                                   | 16 oz.      | 4/CS     |
| 23-270-183                                   | 1 gal.      | 1/EA     |
| 23-291-476                                   | 8 oz.       | 4/CS     |

## Whatman™ 903 Protein Saver Card, US

- Each card has five half inch circles printed on the sample collection area
- Each circle holds 75 to 80µL of sample
- Wraparound cover has spaces for name and date of collection and is imprinted with universal biohazard symbol in accordance with USPS regulations
- Fits into Whatman foil barrier ziploc bags for storage
- For use in U.S. only



| Cat. No.   | Description        | Quantity |
|------------|--------------------|----------|
| 05-715-121 | Protein saver card | 100/PK   |

## Quality Control Testing Slides

## Fisherbrand™ GramX™ Control/Test Slides

- Six sections are blank, for staining unknowns
- Two sections contain fixed smears of gram-positive *Staphylococcus aureus* and gram-negative *Escherichia coli*
- Function with **any** standard Gram stain reagent set



| Cat. No.                     | Description | Quantity |
|------------------------------|-------------|----------|
| <i>Individual foil packs</i> |             |          |
| 08-801                       | 50/Pk.      | 50/PK    |

## Molecular Biology Reagents and Kits

## DNA Extraction and Purification

## Invitrogen™ PureLink™ Viral RNA/DNA Mini Kit

- PureLink Viral RNA/DNA Mini Kit provides rapid and efficient method to simultaneously purify viral RNA/DNA from fresh or frozen cell-free biological fluids (plasma, serum, cerebrospinal fluid) and cell culture supernatants
- Designed to isolate high-quality viral nucleic acids from variety of RNA and DNA viruses within 45 minutes using low elution volumes that allow sensitive downstream analysis
- Purified viral RNA/DNA is devoid of proteins and nucleases, and is suitable for use in downstream applications that allow viral detection and genotyping
- Rapid and efficient purification of high-quality viral nucleic acid using spin column-based centrifugation with no sample cross-contamination
- Purifies viral RNA and DNA from ≤500µL cell-free samples within 45 min
- Ability to elute viral nucleic acids in low elution volumes of 10 to 50µL to allow sensitive downstream analysis



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 12-280-050 | 50 preps    | 1/EA     |

## Invitrogen™ UltraPure™ DNase/RNase-Free Distilled Water

- UltraPure DNase/RNase-Free Distilled Water is 0.1-µm membrane-filtered and tested for DNase and RNase activity
- Performance and quality testing: No DNase, RNase, or protease activity detected. Our distilled water system is routinely monitored for compliance with current USP monograph test requirements for Water for Injection (WFI)
- Sustainable packaging

| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 10-977-023 | 10 x 500mL  | 10/CS    |

## Whatman™ FTA™ Dessicant Packet

| Cat. No.            | Description | Quantity |
|---------------------|-------------|----------|
| <i>Packets (1g)</i> |             |          |
| 09-923-360          | Dessicant   | 1000/PK  |

## Whatman™ FTA™ Nucleic Acid Collection, Storage and Purification Cards: FTA Classic

- DNA from blood stored at room temperature on FTA cards exhibits no loss in PCR efficiency after 22 years and counting
- FTA cards are available in white and as pink indicating cards for colorless fluids
- Pink indicating cards disclose where colorless samples have been spotted by changing to white spot



| Cat. No.                               | Description | Quantity |
|--|-------------|----------|
| <i>Non-indicating FTA Classic card</i> |             |          |
| 09-923-340                             | 100/Pk.     | 100/PK   |

## RT-qPCR Kits

## Invitrogen™ Platinum™ SuperScript™ III One-Step qRT-PCR Kit

- SuperScript III RT for higher temperature cDNA synthesis for greater success with difficult RNA secondary structure
- Platinum *Taq* DNA Polymerase with hot-start technology for improved specificity
- LUX™ Fluorogenic Primers or dual-labeled fluorogenic probes for superior detection performance
- Validated performance on multiple real-time instrument platforms, including rotor-based systems

| Cat. No.   | Description   | Quantity |
|------------|---------------|----------|
| 11-732-020 | 100 reactions | 1/EA     |

## Slide Mounting Media

## Fisherbrand™ Super Friendly Freeze'It™

- Rapidly cools any material without CFCs or HCFCs
- Concentrates freezing power exactly where needed
- Capable of dropping sample temperature from room temperature to -51°C (-60°F) in three seconds
- Triple-filtered gas prevents sample contamination and enhances cooling ability
- Deters the water crystal formation that occurs with slower refrigerants



| Cat. No.      | Description | Quantity |
|---------------|-------------|----------|
| <i>11 oz.</i> |             |          |
| 23-022-524    | 6/Cs.       | 6/CS     |

Tissue Processing Reagents

Tissue Embedding Media

### Fisher Scientific™ Tissue Path™ Ribbon Pro Tissue Embedding Media

- Finest quality embedding media
- Highly refined mixture of blended paraffins and polymers
- Convenient wax pellet form
- Excellent tissue support while maintaining exceptional quality
- Works well in pressure/vacuum fluid flow processors and has excellent specimen handling characteristics
- Low melting point (55°C/131°F) minimizes chance tissue distortion or compression caused by excessive processing heat



| Cat. No.   | Description   | Quantity |
|------------|---------------|----------|
| 23-031-557 | 8 × 2 lb. Bag | 8/CS     |

Equipment

Baths

Flotation Baths

### Dynamic Diagnostics Tissue Flotation Bath

- Capacity: 1.2 gallon
- Temp. range: room temp. to 75 °C
- 110V 60Hz or 220V 50Hz, 200w
- Outer dimension, D x H: 27 x 21cm
- Inner dimension, D x H: 21 x 6.5cm



| Cat. No.                     | Description                              | Quantity |
|------------------------------|--|----------|
| <i>Tissue flotation bath</i> |  |          |
| 22-899-208                   | 1.2 gallon; 110V 60Hz or 220V 50Hz, 200w | 1/EA     |

Centrifuges

Benchtop Centrifuges [Clinical]

### Fisher HealthCare™ 614 Series Centrifuge

- Single-speed, six-place, angle-head centrifuge
- Small footprint
- Out-of-balance tolerant
- Lid safety switch



| Cat. No.           | Description | Quantity |
|--------------------|-------------|----------|
| <i>614B series</i> |             |          |
| 22-029-380         | Basic       | 1/EA     |

### Fisher HealthCare™ Horizon™ Mini-E Clinical Centrifuge

- Horizontal six-place rotor centrifuge, with electronic timer
- For test tubes up to 10mL
- Push-button operation/safety lid-lock
- Brushless AC motor for smooth and quiet operation with no routine maintenance
- Small footprint — compact design uses approximately 1 sq. ft. of counter space
- Rotors: 3380rpm/1600xG, horizontal



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 22-029-375 | Model 642E  | 1/EA     |

### Fisher HealthCare™ Horizon™ Premier Clinical Centrifuge

- Horizontal six-place rotor centrifuge, with electronic timer
- For test tubes up to 17 × 100mm
- Also spins tubes up to 17 × 125mm with fixed-angle rotor (optional)
- Push-button operation/safety lid-lock
- Features a digital time display, electronic braking (can be disengaged for delicate samples), and audible end-of-run indicator
- Rotors: 3380rpm/1600xG, horizontal (included); 3450rpm/1450xG, fixed-angle (optional)



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 22-029-423 | 115V        | 1/EA     |

Benchtop Centrifuges [Compact]

### Thermo Scientific™ Medilite™ Centrifuge

- Compact design saves bench space
- Accommodates sealed tubes for aerosol containment
- Offers integral 30-min. timer with HOLD mode
- Provides power interrupt if lid is opened during a run
- Powered by a maintenance-free brushless motor



| Cat. No.                   | Description | Quantity |
|----------------------------|-------------|----------|
| <i>With 12-Place Rotor</i> |             |          |
| 05-375-93                  | 240V 50Hz   | 1/EA     |

## Thermo Scientific™ Sorvall™ ST 8 Small Benchtop Centrifuge

### Innovative Technologies:

- Secure, push-button Thermo Scientific™ Auto-Lock™ rotor exchange in as little as three seconds delivers trouble-free rotor installation and removal and clear chamber access for cleaning convenience.
- Biocontainment sealing options, including certified Thermo Scientific™ ClickSeal™ lids offer glove-friendly, one-handed operation.
- Maximized swing-out capacity up to 8 × 50 mL conical tubes, 24 × 5/7 mL blood tubes, microplates and microtubes, all in one versatile centrifuge
- Fixed angle flexibility to spin 50mL conical tubes at over 12,000 × g or a wide range of microtubes at speeds up to 30,279 × g



### User-friendly performance:

- Low noise levels, including just 52 dBA at performance of 17,850rpm/30,279 × g (with Sorvall ST 8R centrifuge), to ensure a peaceful laboratory
- One-touch operation with pre-saved protocols
- Highly visible backlit display offers easy reading of parameters across the lab
- Glove- and detergent-friendly user interface
- Multilingual instructions offered in English, Dutch, French, German, Italian, Russian and Spanish on programming, run conditions, alerts and service messages
- Centrifuge conforms to the latest clinical and safety standards such as UL, CE and IVD

| Cat. No. | Description  | Quantity |
|----------|--|----------|
| 75007201 | Sorvall ST 8 centrifuge, ventilated, 230V 50/60 Hz | 1/EA     |

### Benchtop Centrifuges [General Purpose]

## Eppendorf 5804 Series Centrifuge with Rotor Packages

### Common Features

- Spin from 200rpm to 14,000rpm (20,817xG) in increments of 10rpm
- Speed, g-force and radius correction values can be entered
- Values can be changed during centrifugation
- Low-profile 11.2"/28 cm access height for easy sample loading and unloading
- Automatic rotor recognition senses rotor type to set maximum allowable speed—ensures safety
- Fast, simple programming of time, temperature (refrigerated models), speed/ g-force and radius value
- Selectable program memory for up to 35 individual user programs
- Adjustable speed short spin button for quick runs
- Ten acceleration and deceleration rates for sensitive sample material



| Cat. No.   | Description  | Quantity |
|------------|--|----------|
| 05-413-336 | Model 5804 centrifuge, 4 x deepwell plate rotor (120V 50/60Hz) | 1/EA     |

## Eppendorf™ Model 5804R Centrifuge

### Operating Features

- Capacity: 4 × 100mL
- Maximum speed/RCF: 14,000rpm/20,800 × g
- Spin up to 48 × 15mL conical tubes (Model 5810 only) or up to 30 microtubes per run
- Touch-keypad control and digital display for speed/RCF, run time, program number and temperature
- With 34-program memory
- Run modes: Timed (up to 99 minutes in 1-minute increments) or continuous run
- Choice of 10 acceleration/braking profiles



| Cat. No.                      | Description        | Quantity |
|-------------------------------|--------------------|----------|
| <i>220V 50Hz, 15A (Intl.)</i> |                    |          |
| 05-400-92                     | Refrigerated; 82kg | 1/EA     |

## Eppendorf™ Model 5810 Centrifuge

### Operating Features

- Capacity: 1.6L (4 × 500mL)
- Maximum speed/RCF: 14,000rpm/20,800 × g
- Spin up to 48 × 15mL conical tubes (Model 5810 only) or up to 30 microtubes per run
- Touch-keypad control and digital display for speed/RCF, run time and program number
- With 34-program memory
- Run modes: Timed (up to 99 minutes in 1-minute increments) or continuous run
- Choice of 10 acceleration/braking profiles



### Safety Features

- Low-profile design for convenient access to rotor chamber
- Motorized lid lock
- Automatic rotor recognition and unbalanced load sensor with alert
- Low-noise (<60dB), maintenance-free motor

| Cat. No.                      | Description            | Quantity |
|-------------------------------|------------------------|----------|
| <i>220V 50Hz, 15A (Intl.)</i> |                        |          |
| 05-400-62                     | Non-refrigerated; 68kg | 1/EA     |

## StatSpin™ MP Multipurpose Centrifuge

- For microhematocrits, urine, sedimentation and blood sample preparation



| Cat. No.                      | Description                             | Quantity |
|-------------------------------|---|----------|
| <i>StatSpin MP centrifuge</i> |   |          |
| 22-314-934                    | Capac.: 12-place; Max. Speed: 20,000rpm | 1/EA     |

## Thermo Scientific™ Sorvall™ ST 16 Centrifuge Series

### Easy To Use

- Intuitive controls simplify operation and provide detailed information on a wide range of operating parameters and processing status for optimal performance
- Motorized lid latch enables one finger downward motion for easiest closing and locking of centrifuge lid, even on tall benches



### Auto-Lock™ III Rotor System

- Secure locking system allows easy push-button installation and exchange of rotors
- Saves time switching between applications
- Easy access to rotor chamber for quick cleaning, a healthier working environment and longer unit life

### ClickSeal™ Bucket Sealing System

- Biocontainment solution seals with a snap; eliminates screw caps and complicated clips
- Glove-friendly, one-handed open/close capability
- Certified by CAMR™ in Porton Down, UK

### SMARTSpin™ Technology

- Advanced rotor management system maximizes acceleration, braking and residual load imbalance for each rotor and bucket option
- Optimizes safety and improves separations

| Cat. No.      | Description              | Quantity |
|---------------|--------------------------|----------|
| <b>ST 16</b>  |                          |          |
| 75-004-240    | Ventilated; 230V 50/60Hz | 1/EA     |
| <b>ST 16R</b> |                          |          |
| 75-004-381    | Refrigerated; 120V 60Hz  | 1/EA     |

### Benchtop Centrifuges [Microcentrifuges]

## Eppendorf™ Model 5418 Microcentrifuges

- Capacity: 36mL (18 × 1.5/2.0mL)
- Maximum speed/RCF: 14,000rpm/16,813 x g
- Five-digit digital speed display
- Timer: 1 min. to 9 hr., 59 min., plus HOLD for continuous run
- Innovative lid design with automatic opening at end of run for quick sample removal
- Automatic one-button rcf/rpm converter



| Cat. No.        | Description           | Quantity |
|-----------------|-----------------------|----------|
| <b>18 x 2mL</b> |                       |          |
| 05-403-90       | Ventilated; 120V 60Hz | 1/EA     |

## Fisher Scientific™ accuSpin™ Micro 17/Micro 17R Microcentrifuges

- Capacity: 48mL (24 × 1.5/2mL tubes)
- Maximum speed/RCF: 13,300rpm/17,000xG
- Ventilated or refrigerated models
- Easy-to-use controls with digital display
- Adjustable 99 minute timer and quick-spin feature for short runs
- Memory retains last setting for repeatable runs
- Supplied with rotor and biocontainment lid
- For 120V 60Hz



| Cat. No.   | Description                           | Quantity |
|------------|---------------------------------------|----------|
| 13-100-675 | accuSpin Micro 17, Ventilated, 120V   | 1/EA     |
| 13-100-676 | accuSpin Micro 17, Refrigerated, 120V | 1/EA     |

## Thermo Scientific™ Sorvall™ Legend™ Micro 17 and 21 Microcentrifuge Series

The Sorvall Legend 17 and 21 microcentrifuges provide a new separation experience with:

- Exceptional acceleration up to 21,000 × g in 12 seconds
- Refrigerated versions offer cooling in just 9 minutes
- ClickSeal biocontainment rotor lid “clicks” in place, ensuring securely contained samples
- New PPSU lids have improved strength and chemical resistance
- Intuitive controls and easy to read display simplifies operation
- Sleek, space-saving footprint
- Rugged design for years of dependable service
- Quite performance provides safe, stress free environment



| Cat. No.   | Description  | Quantity |
|------------|--|----------|
| 75-002-430 | Sorvall Legend Micro 17 Microcentrifuge, Ventilated, 230V 50/60Hz, includes 24 × 1.5/2.0 mL rotor with ClickSeal biocontainment lid  | 1/EA     |
| 75-002-440 | Sorvall Legend Micro 17R Microcentrifuge, Refrigerated, 230V 50/60Hz, includes 24 × 1.5/2.0 mL rotor with ClickSeal biocontainment lid   | 1/EA     |
| 75-002-490 | Sorvall Legend Micro 21R Microcentrifuge, Refrigerated, 120V 60Hz, includes 24 × 1.5/2.0 mL rotor with ClickSeal biocontainment lid and dual row 18 × 2.0/0.5 mL rotor with screw-on lid | 1/EA     |

### Centrifuge Accessories [General]

## Eppendorf™ Centrifuge Rotor Cover

- Fit 400mL rectangular buckets
- Set of two pieces



| Cat. No.   | Description                          | Quantity |
|------------|--------------------------------------|----------|
| 04-987-259 | Aerosol-Tight Lid for 400 mL Buckets | 2/PK     |

## Centrifuge Adapters

## Adapters for Thermo Scientific™ TX-150 Swinging Bucket Rotors



| Cat. No. | Description                                  | Quantity |
|----------|--|----------|
| 75005735 | 100 mL Round Bottom Open-Top Tube (set of 4) | 1/EA     |

## Eppendorf™ Refrigerated Multipurpose Centrifuge 5804 R Rectangular Bucket Adapters



| Cat. No.                       | Description                                  | Quantity |
|--------------------------------|--|----------|
| <i>Tube size: 15mL conical</i> |  |          |
| 05-400-113                     | Bore dia.: 17.5mm                            | 2/PK     |
| <i>Tube size: 50mL conical</i> |  |          |
| 05-400-114                     | Bore dia.: 31mm, Centrifugation Radius: 157m | 2/PK     |

## Thermo Scientific™ TX-400 Rotor Adapters

- Maximum adapter capacity: 4 x 250mL (4 x 400mL with 400mL polypropylene bio-bottles)
- Maximum adapter O.D. x L: 62 x 125mm (80 x 125mm with 400mL bio-bottles)



| Cat. No.   | Description            | Quantity |
|------------|------------------------|----------|
| 75-003-680 | 5/7mL Blood Collection | 1/EA     |
| 75-003-682 | 15mL Conical           | 1/EA     |
| 75-003-683 | 50mL Conical           | 1/EA     |

## Thermo Scientific™ TX-750 Swinging Bucket/BIOShield™ 1000A Adapters

- Adapters accept round/flat-bottom and blood collection bottles/tubes for TX-750 Rectangular Buckets or BIOShield 1000A Rotor.
- Maximum tube size: 63 x 130mm



| Cat. No.   | Description                         | Quantity |
|------------|-------------------------------------|----------|
| 75-003-767 | 10mL Blood collection/15mL DIN tube | 4/PK     |
| 75-003-768 | 5/7mL Blood collection tube         | 4/PK     |

## Centrifuge Buckets

## Buckets and Lids for Thermo Scientific™ TX-150 Swinging Bucket Rotor



| Cat. No. | Description   | Quantity |
|----------|---|----------|
| 75005702 | Round Buckets (set of 4)                                      | 1/EA     |
| 75005703 | 50mL Conical Buckets (Unsealed, no adapter needed) (set of 4) | 1/EA     |

## Rotors for Benchtop Centrifuges [General Purpose]

## Eppendorf™ 5804/5810 Series 30-Place Fixed-Angle Rotor

- 30 x 1.5 to 2.0mL capacity
- Maximum speed/RCF: 14,000rpm/20,800 x g
- Directly accept 1.5 to 2.0mL microcentrifuge tubes measuring 11.5 dia. x 50mm long
- Choose from rotors supplied with a quick-release lid or an aerosol-tight cover



| Cat. No.                       | Description          | Quantity |
|--------------------------------|----------------------|----------|
| <i>Lid type: quick-release</i> |                      |          |
| 05-400-88                      | Capacity: 30 x 2.0mL | 1/EA     |

## Eppendorf™ 5804/5810 Series Deep-Well Swinging Bucket Rotor

- Capacity: two deep-well assemblies or 10 microplates (filter and catch-plate stacks)
- Maximum speed/RCF: 3600rpm/1900 x g
- Supplied with two buckets that hold up to 85mm high plates—perfect for tall deep-well blocks or multiwell assemblies such as 96-well nucleic acid isolation kits and filtration
- Can be used with Eppendorf Perfectprep™ Plasmid 96 Spin Kits (E003200 5900 and E003200 5950), "sandwiching" the membrane plate and deep-well block for a perfect fit in the rotor



| Cat. No.  | Description                                      | Quantity |
|-----------|--|----------|
| 05-401-04 | 5804/5810 Series Deep-Well Swinging Bucket Rotor | 1/EA     |

## Eppendorf™ 5804/5810 Series Four-Place Swinging Bucket Rotor

- 4 x 100mL capacity
- Maximum speed/RCF: 5000rpm/4500 x g



| Cat. No.  | Description         | Quantity |
|-----------|---------------------|----------|
| 05-400-94 | Capacity: 4 x 100mL | 1/EA     |

## Thermo Scientific™ BIOShield™ 1000A Swinging Bucket Rotor

- Capacity: 4 x 250mL (1L)
- Max. speed/RCF: 6000rpm/7164xG

## Slide Coat anti-friction finish

- Eliminates need for lubrication at contact point between rotor cross and bucket
- Ensures smooth runs with minimal vibration
- Reduces regular maintenance steps
- Promotes longer rotor life and enhanced safety due to corrosion-resistant properties



| Cat. No.   | Description  | Quantity |
|------------|--|----------|
| 75-003-182 | BIOShield 1000A High Speed Swinging Bucket Rotor w/Slide Coat anti-friction finish | 1/EA     |

## Thermo Scientific™ TX-400 Swinging Bucket Rotor

- Capacity: 4 × 400mL (1.6L)
- Maximum Speed/RCF: 5000rpm/4696xG
- Proprietary Clickseal™ Bucket Sealing System



### Slide Coat anti-friction finish

- Eliminates need for lubrication at contact point between rotor cross and bucket
- Ensures smooth runs with minimal vibration
- Reduces regular maintenance steps
- Promotes longer rotor life and enhanced safety due to corrosion-resistant properties

| Cat. No.   | Description  | Quantity |
|------------|--|----------|
| 75-003-181 | TX-400 Swinging Bucket Rotor w/Slide Coat anti-friction finish | 1/EA     |
| 75-003-655 | Round Buckets for TX-400 Rotor (4)                             | 1/EA     |

### Rotors for Benchtop Centrifuges [Microcentrifuges]

## Thermo Scientific™ PCR 8 x 8 Rotor with Screw-On-Lid

- Capacity: 64 × 0.2mL
- Max. Speed/RCF: 14,800rpm/17,100 x g



| Cat. No.   | Description     | Quantity |
|------------|-----------------|----------|
| 05-375-156 | PCR 8 × 8 rotor | 1/EA     |

### Counting Devices

#### Calculators

## Fisher Scientific™ Solar Desktop Calculators

- Performs chain calculations
- Oversized keys with 8- or 12-digit, 1.9cm (0.75 in.) LCD display, angled to eliminate reflected glare
- 12-digit unit permits calculating numbers as large as 999,999,999,999 and as small as 0.000000000001 without using scientific power notations or symbols
- Tough ABS plastic case is ideal for rough lab use
- Feet protect the unit from spills

| Cat. No.        | Description                           | Quantity |
|-----------------|---------------------------------------|----------|
| <b>12-Digit</b> |                                       |          |
| 12-099-25       | 16.5L × 11.4W × 0.9cm H; Wt.: 0.113kg | 1/EA     |

### Differential Cell Counters

## Bal Supply Cell Counters

- Totaling unit rings a bell at 100 increments
- Dual reset knobs
- Last unit is the totaling unit, which records total number of strokes made on other keys
- Removable tabs on top of counter provide area for identification of classification being counted



| Cat. No.  | Description         | Quantity |
|-----------|---------------------|----------|
| 02-670-14 | Nine counting units | 1/EA     |

### Parts Counters

## Fisherbrand™ Hand Tally Counter

- Tallies up to 9999; compact
- Chrome-finished metal construction for reliability, long life and hard usage



| Cat. No. | Description     | Quantity |
|----------|-----------------|----------|
| 07-905-6 | Tallies to 9999 | 1/EA     |

### Dispensing Devices

#### Bottletop Dispensers [Analog]

## Fisherbrand™ Autoclavable Bottletop Dispensers

- Wetted parts are PTFE, FEP and borosilicate glass (allows instrument to be used with a wide variety of chemicals)
- Choice of seven volume ranges
- Bubble-free dispensing
- Effortless plunger movement
- Disassembles for easy cleaning and servicing
- Autoclavable at 121°C, 15 psi for 10 to 15 minutes
- Each bottle top dispenser includes one 36, 40 and 45mm bottle neck adaptor



| Cat. No.  | Description   | Quantity |
|-----------|---------------|----------|
| 13-615-10 | 0.25 to 2.5mL | 1/EA     |
| 13-615-11 | 0.5 to 5mL    | 1/EA     |
| 13-615-12 | 1 to 10mL     | 1/EA     |
| 13-615-13 | 2.5 to 30mL   | 1/EA     |
| 13-615-14 | 5 to 60mL     | 1/EA     |
| 13-615-15 | 10 to 100mL   | 1/EA     |

### Hoods and Enclosures

#### Biosafety Cabinet Accessories

## Stands for Thermo Scientific™ 1300 Series A2 Biological Safety Cabinets

- Manual and electric stands provide comfortable work surface height of 30 to 38 in. for seated or standing applications
- Manual stands are adjustable in 2 in. increments; electric stands are infinitely adjustable
- Rolling caster stand provides comfortable fixed worksurface height of 30 in. for seated applications; designed for limited cabinet mobility for cleaning purposes
- Stands are included with packages



| Cat. No.   | Description                               | Quantity |
|------------|---|----------|
| 15-474-202 | Manual adjustable stand for 4 ft. cabinet | 1/EA     |



## Thermo Scientific™ Accessories for Series 1300 Class II, Type A2 Biological Safety Cabinets



| Cat. No.   | Description                | Quantity |
|------------|----------------------------|----------|
| 15-474-219 | UV light for 4 ft. cabinet | 1/EA     |

### Ductless Enclosures

## AirClean™ Systems Dead Air Boxes

- 0-15 minute manual UV light timer for sterilization between amplifications
- Safety interlock switch prevents exposure to UV light when sash is raised
- Polycarbonate and polypropylene design to reflect UV energy
- Unibody plastic design without joints or gaps in construction
- Full access folding sash
- UV and fluorescent lights
- 24", 32", and 48" widths; nominal depth 24"
- 110V AC or 220V AC versions (24" only offered as 110V)

| Cat. No.    | Description                           | Quantity |
|-------------|---------------------------------------|----------|
| 36-101-8889 | I.D.(D × W × H): 58.4 × 78.7 × 53.3cm | 1/EA     |

### PCR Enclosures

## Fisher Scientific™ PCR Workstations

- Variable digital timer for UV exposure with eight settings: 5, 10, 15, 30, 60, 120, 240 min. and continuous
- Removable safety panel closes sash opening to allow UV light to operate
- Fluorescent lamp and 254nm UV lamp with three-way switch (fluorescent, UV and off)
- 9.4"-high sash opening
- Ergonomic 10°-angled hinged sash pivots upward, locks to loading height of 20"
- 99.99%-efficient HEPA filter and disposable prefilter
- Built-in blower with motorized impeller and solid-state speed control
- Minihelic™ pressure gauge
- Air diffuser
- Blower switch
- Type 304 polished stainless-steel work surface
- White dry-powder, epoxy-coated aluminum and steel construction
- UV-resistant 0.25"-thick clear tempered safety glass sash and side
- Two rear utility ports with iris openings and plugs



| Cat. No.          | Description         | Quantity |
|-------------------|---------------------|----------|
| <i>2 ft. wide</i> |                     |          |
| 09-681-202        | 115V 60Hz, 3A, 83w  | 1/EA     |
| 09-681-203        | 230V 50Hz, 2A, 45w  | 1/EA     |
| 103-603-08        | 115V 60Hz, 3A, 108w | 1/EA     |
| 103-603-09        | 230V 50Hz, 2A, 60w  | 1/EA     |

### Hotplates and Stirrers

#### Magnetic Stirrers

## Fisher Scientific™ Isotemp™ Stirrers

### Advanced technology

- Slow-speed stirring, consistent speed control, and strong magnetic coupling
- Temperature adjustable in 1 degree increments
- HOT TOP warning system designed to protect from accidental burns with prominent display when heating surface is above 50°C (122°F)
- Automatic over-temperature protection



### Flexible, robust design

- Top plate choices in ceramic or aluminum
- Raised display design protects electronics from spills
- Optional temperature probe and splash guard protection shield
- Variable sizes for different sample volumes
- Includes stir bar

| Cat. No.        | Description                                       | Quantity |
|-----------------|---|----------|
| <i>Aluminum</i> |   |          |
| S88857204       | 7.25 × 7.25 in.; 100-120V 50/60Hz US style plug   | 1/EA     |
| S88857208       | 7.25 × 7.25 in.; 230V 50/60Hz EU plug             | 1/EA     |
| S88857209       | 7.25 × 7.25 in.; 230V 50/60Hz UK/AUS/CN plug      | 1/EA     |
| <i>Ceramic</i>  |   |          |
| S88850200       | 10.25 × 10.25 in.; 100-120V 50/60Hz US style plug | 1/EA     |
| S88850205       | 10.25 × 10.25 in.; 230V 50/60Hz EU plug           | 1/EA     |
| S88850206       | 10.25 × 10.25 in.; 230V 50/60Hz UK/AUS/CN plug    | 1/EA     |
| S88854200       | 4.25 × 4.25 in.; 100-120V 50/60Hz US style plug   | 1/EA     |
| S88854205       | 4.25 × 4.25 in.; 230V 50/60Hz EU plug             | 1/EA     |
| S88854206       | 4.25 × 4.25 in.; 230V 50/60Hz UK/AUS/CN plug      | 1/EA     |
| S88857200       | 7.25 × 7.25 in.; 100-120V 50/60Hz US style plug   | 1/EA     |
| S88857205       | 7.25 × 7.25 in.; 230V 50/60Hz EU plug             | 1/EA     |
| S88857206       | 7.25 × 7.25 in.; 230V 50/60Hz UK/AUS/CN plug      | 1/EA     |

## Incubators

## Carbon Dioxide Incubators

Fisher Scientific™ Isotemp™ CO<sub>2</sub> Incubators

## Selection, high-capacity, heavy-duty design

- Choice of Water-Jacketed (WJ) and Direct Heat (DH) technology
- Flexibility you can depend on for growing cells
- Select Thermal Conductivity (T/C) or Infrared (IR) sensors to serve your applications
- High-capacity 6.5 cu. ft. (184L) chamber
- Heavy-duty stainless-steel shelves support a full load of samples
- Precise temperature control and stability of all culture parameters



## Peace of mind

- Provide stable temperature, humidity and CO<sub>2</sub> level for maximum cell growth
- Low and high CO<sub>2</sub> alarms, plus power interruption and temperature deviation alarms

## Ease of Use

- Easy-to-clean polished stainless-steel interior with coved corners
- Shelves and supports are easily removed without tools
- Microbiological filters protect gas inlet and sample port
- Easy-to-use display and alarm settings

| Cat. No.              | Description                                | Quantity |
|-----------------------|--|----------|
| <b>Direct-Heat</b>    |  |          |
| 13-255-27             | TC sensor, RH Display; 120V, 50/60Hz, 2.4A | 1/EA     |
| 13-255-28             | IR sensor, RH Display; 120V, 50/60Hz, 2.4A | 1/EA     |
| <b>Water-Jacketed</b> |  |          |
| 13-255-25             | TC sensor, RH Display; 120V, 60Hz, 3.6A    | 1/EA     |
| 13-255-26             | IR sensor, RH Display; 120V, 60Hz, 3.6A    | 1/EA     |

## Dry Bath Incubators

## Fisher Scientific™ Isotemp™ Digital Dry Baths/Block Heaters



- Digital controls and display of time and temperature
- Advanced internal temperature sensing probe for outstanding temperature accuracy and control
- Precise temperature control with PID circuit
- Temperature calibration enables to offset the temperature to desired value
- Timer allows the user to accurately monitor the heating time
- Wide range of interchangeable aluminum alloy heat blocks provide versatility and allow for easy cleaning and disinfecting
- Powder-coated steel body construction ensures durability
- Built-in over-temperature protection device warrants sample and user safety
- Temperature deviation adjustment

| Cat. No.            | Description | Quantity |
|---------------------|-------------|----------|
| <b>Dual block</b>   |             |          |
| 88-860-022          | 100-120V    | 1/EA     |
| 88-860-025          | 200-240V    | 1/EA     |
| <b>Four blocks</b>  |             |          |
| 88-860-023          | 100-120V    | 1/EA     |
| 88-860-026          | 200-240V    | 1/EA     |
| <b>Single block</b> |             |          |
| 88-860-021          | 100-120V    | 1/EA     |
| 88-860-024          | 200-240V    | 1/EA     |

Standard Incubators

### Fisher Scientific™ Isotemp™ Microbiological Incubators

- Outstanding temperature uniformity and stability to keep samples at desired condition
- Wide temperature range: ambient +5°/10° to 75°C
- Intuitive and easy-to-use microprocessor controller
- Automatic over temperature alarm—no operator settings required
- Low air exchange provides minimal drying out of samples—ideal for long experiments
- On/off timer
- Corrosion resistant stainless steel interior with smooth corners for easy cleaning†
- Easy-to-clean rounded interior edges, designed to reduce contamination risks
- Flexible shelving with no tools required to set up, adjust or remove
- Small external dimensions per chamber size reduce required bench space



**Construction Features:**

- Stainless-steel exterior provides a clean professional look with surface that avoids fingerprint smudges
- Readily stackable same-size units without the need for tools or kits
- Access port with silicone plug for independent data logging or for using small equipment inside the unit
- Flexible shelving system with different positions to optimize chamber space
- Large easy-to-view fluorescent display with intuitive microprocessor controller
- Internal glass door for undisturbed sample viewing

| Cat. No.    | Description                             | Quantity |
|-------------|---|----------|
| 15-103-0513 | 2.6 cu. ft. (75L), gravity convection   | 1/EA     |
| 15-103-0514 | 4.0 cu. ft. (117L), gravity convection  | 1/EA     |
| 15-103-0515 | 6.85 cu. ft. (194L), gravity convection | 1/EA     |

### Thermo Scientific™ Heratherm™ General Protocol Microbiological Incubators

- Gravity convection provides gentle air flow and minimal drying out
- Temperature range from ambient +5° to 75°C
- Temperature uniformity of ±0.6°C (measured at 37°C)
- Temperature stability of ±0.2°C (measured at 37 °C)
- Corrosion-resistant stainless-steel chamber (AISI 430)
- Intuitive user interface for setting temperature
- Large, easy to read vacuum fluorescent display
- Internal glass door allows sample viewing without impacting temperature
- Exceptionally small footprint



| Cat. No.    | Description                                    | Quantity |
|-------------|--|----------|
| <b>117L</b> |  |          |
| 51-028-064H | Gravity Convection; Coated exterior; 120V/60Hz | 1/EA     |
| <b>194L</b> |  |          |
| 51-028-065H | Gravity Convection; Coated exterior; 120V/60Hz | 1/EA     |
| <b>75L</b>  |  |          |
| 51-028-063H | Gravity Convection; Coated exterior; 120V/60Hz | 1/EA     |

Lamps

General Purpose Lamps

### Fisher Scientific™ Flexible-Arm™ Light

- Finger control pivots, raises and lowers lamp
- Light (35w halogen) closely resembles daylight for correct color detection
- Spring counterbalance for easy movement
- Weighted metal base for stability



| Cat. No.  | Description             | Quantity |
|-----------|-------------------------|----------|
| 15-077-65 | Length: 20 in. (50.8cm) | 1/EA     |

### Fisherbrand™ Tube Agglutination Viewer

- Designed for use in blood typing, crossmatching, prothrombin time, Kahn and other agglutinations, flocculation, and serodiagnostic tests
- Illuminates test tube contents through the use of a 5-watt bulb from above and a magnifying mirror from below
- Easy to use side-mounted ON/OFF switch
- Flexible neck allows for easy manipulation of light source
- Input: 120V 60 Hz, 18w; Output: 12VAC 500mA



| Cat. No.   | Description                     | Quantity |
|------------|---------------------------------|----------|
| 22-363-560 | 5 Watt bulb w/magnifying mirror | 1/EA     |

Microplate Washing Devices

Microplate Washers

### BioTek™ ELx50™ Microplate Strip Washer

**Key Features**

- Washes single strips or full plates
- Efficient washing ensures low background absorbance and small residue volumes
- Self-contained and programmable
- Micro-controlled, syringe-drive positive-displacement pump fluid delivery system for precise control
- Biomagnetic separation and vacuum filtration options available
- Safety features include aerosol cover, built-in decontamination routine, and isolation of electronics from fluidics
- Biomagnetic separation and vacuum filtration options available
- Choice of 8-, 12- or 16-channel manifold models
- Optional switching of up to three wash buffers



| Cat. No.                     | Description   | Quantity |
|------------------------------|---------------|----------|
| <b>Standard strip washer</b> |               |          |
| BT-ELX5012                   | 12-Well Strip | 1/EA     |

## Fisher Scientific™ accuWash™ and accuWash Versa Microplate Washers

### Key Features

- Easy protocol setup with the large color screen and the visual internal software
- A USB port for transferring protocols between several washers, and for easy updating of the internal software
- Sweep mode provides an extremely low residual volume in the well, resulting in excellent washing performance and reliable assay results



### Easy and convenient to use

- Large color screen shows everything needed for normal use on one display
- Internal software is logical and intuitive, and allows protocols to be developed fast, making it easy to get started with the software—requires minimal training

### Reliable and secure performance

- Unpressurized bottles are safe and secure to use
- Automatic rinse and prime features prevent clogging of liquid transfer system
- Liquid level sensors provide security for both wash and waste bottles
- Low residual volumes of washers provide optimal washing performance, helping deliver reliable assay results

### Added versatility

- Washes cells, 96- and 386-well plates
- Compatible with automation systems

| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 14-377-577 | accuWash    | 1/EA     |

## Microscopes

### Compound Upright Microscopes

## Fisher Scientific™ AX-500 Series Compound Research Microscopes with LED Illumination

- Inward-facing quadruple revolving nosepiece
- Variable 3W LED illumination
- Built-in low-drive mechanical stage with extended post for X and Y control (135x140mm)
- 18mm eyepieces with rubber eyeshields
- 30° inclined ergonomic Siedentopf viewing head



| Cat. No.              | Description   | Quantity |
|-----------------------|---|----------|
| <b>Binocular head</b> |   |          |
| 11-350-101            | Abbe/Iris condenser; Objectives: Achromat DIN 4X, 10X, 40X, 100X                          | 1/EA     |
| 11-350-104            | Abbe/Iris condenser; Objectives: Super High Contrast DIN 4X, 10X, 40X, 100X               | 1/EA     |
| 11-350-107            | Abbe/Iris condenser; Objectives: Plan Achromat DIN 4X, 10X, 40X, 100X                     | 1/EA     |
| 11-350-109            | Abbe/Iris condenser (w/slot for phase slider); Objectives: Plan Phase 10X, 20X, 40X, 100X | 1/EA     |
| <b>Monocular head</b> |   |          |
| 11-350-100            | Abbe/Iris condenser; Objectives: Achromat DIN 4X, 10X, 40X, 100X                          | 1/EA     |
| 11-350-103            | Abbe/Iris condenser; Objectives: Super High Contrast DIN 4X, 10X, 40X, 100X               | 1/EA     |
| 11-350-106            | Abbe/Iris condenser; Objectives: Plan Achromat DIN 4X, 10X, 40X, 100X                     | 1/EA     |

## Fisher Scientific™ AX-800 Series Compound Microscopes

### Optical System

- Comes with choice of infinity corrected optics or Plan Phase optics and choice of binocular or trinocular heads
- Inward-facing quintuple revolving nosepiece
- Paired widefield 10X/20mm eyepiece with diopter and interpupillary adjustment from 55 to 75mm
- Eyepieces (20mm) with rubber eyeshields and 30° inclined ergonomic viewing head
- Objective Classification: Infinity Corrected or Phase Contrast



### Illumination

- 3W Koehler LED illumination with intensity control

### Focus Mechanism

- Coaxial coarse and fine focusing system with tension adjustment

### Stage

- Built-in stage with specimen holder
- Low-drive large mechanical coaxial stage (140 × 160mm) with extended post for X and Y control

| Cat. No.          | Description   | Quantity |
|-------------------|---|----------|
| <b>Binocular</b>  |   |          |
| 11-350-111        | Infinity Corrected 4X, 10X, 40X, 100X; Condenser: Abbe/Iris     | 1/EA     |
| 11-350-113        | Phase 10X & 20X, Plan 40X & 100X; Condenser: Abbe/Iris (w/slot) | 1/EA     |
| <b>Trinocular</b> |   |          |
| 11-350-112        | Infinity Corrected 4X, 10X, 40X, 100X; Condenser: Abbe/Iris     | 1/EA     |
| 11-350-114        | Phase 10X & 20X, Plan 40X & 100X; Condenser: Abbe/Iris (w/slot) | 1/EA     |

## General Microscope Accessories

### Fisherbrand™ Optical Lens Cleaner

- Laboratory safe
- Nonflammable



| Cat. No.                    | Description  | Quantity |
|-----------------------------|--------------|----------|
| <b>Optical lens cleaner</b> |              |          |
| 22-143-974                  | 2 oz. (59mL) | 6/PK     |

## Slide Holders for Microscopy

### Fisherbrand™ Cardboard Tray for 20 Slides

- Heavy reinforced cardboard tray holds 3 × 1" or 75 × 25mm slides
- Spaces numbered to correspond with index on outside
- Doors are hinged for 360° opening; they do not lie directly on slides when closed



| Cat. No.  | Description                  | Quantity |
|-----------|------------------------------|----------|
| 12-587-10 | Cardboard tray for 20 Slides | 1/EA     |

## Fisherbrand™ Color-Coded ABS Plastic Slide Boxes

- Hold 3 × 1" and 75 × 25mm slides
- Numbered slide partitions correspond to numbered index card in lid
- Stackable
- Available in choice of five colors
- 100-Slide box comes with hinged lid



| Cat. No.                    | Description             | Quantity |
|-----------------------------|-------------------------|----------|
| <b>Capacity: 100 slides</b> |                         |          |
| 03-448-1                    | Color: Blue; Foam-lined | 1/EA     |
| 03-448-5                    | Color: White            | 1/EA     |
| <b>Capacity: 25 Slides</b>  |                         |          |
| 03-448-6                    | Color: Blue             | 1/EA     |

## Fisherbrand™ Microslide Holder

- Holds two 3 × 1" or 75 × 25mm slides, with or without cover glasses
- Thumb groove
- Can be mailed in additional packaging (not supplied)



| Cat. No.  | Description  | Quantity |
|-----------|--------------|----------|
| 12-587-16 | Slide Mailer | 36/PK    |

## Thermo Scientific™ Plastic Slide Boxes

- Three styles available: 25-, 50-, or 100-slide capacity
- Made from extremely durable ABS plastic
- Red, white, or blue boxes are cork-lined
- Index card fits in lid to record slide titles
- Numbered slots on box correspond to lid index
- Lids separate from box on 25- and 50-slide boxes
- 50-Slide box has plastic latch; 100-slide box has hinged lid with metal clasp



| Cat. No.            | Description | Quantity |
|---------------------|-------------|----------|
| <b>50 slide box</b> |             |          |
| B1783               | White       | 1/EA     |

### Slide Storage Cabinets for Microscopy

## Fisherbrand™ Micro Slide Storage Cabinet Bases

- Optional bases in models with legs or without legs
- Available in dark beige, tan, green, or white
- 47.6L × 40W × 12.1cm H (18.75 × 15.75 × 4.75")



| Cat. No.                             | Description                      | Quantity |
|--------------------------------------|----------------------------------|----------|
| <b>Micro Slide Base with Legs</b>    |                                  |          |
| 07-212-104                           | Dark Beige; 12-571-15 equivalent | 1/EA     |
| 07-212-105                           | Green; 12-571-16 equivalent      | 1/EA     |
| 07-212-106                           | White; 12-571-15W equivalent     | 1/EA     |
| 07-212-107                           | Tan; No equivalent               | 1/EA     |
| <b>Micro Slide Base without Legs</b> |                                  |          |
| 07-212-108                           | Dark Beige; No equivalent        | 1/EA     |
| 07-212-109                           | Green; 22-255-124 equivalent     | 1/EA     |
| 07-212-110                           | White; No equivalent             | 1/EA     |
| 07-212-111                           | Tan; 22-036-804 equivalent       | 1/EA     |

## Fisherbrand™ Micro Slide Storage Cabinet Bases

- Material: Rubber
- Maintain slides upright in partially filled drawers

| Cat. No.   | Description      | Quantity |
|------------|------------------|----------|
| 07-212-113 | Compressor block | 6/PK     |

## Fisherbrand™ Micro Slide Storage Cabinets

- Each cabinet holds up to 4500 3 × 1" or 75 × 25mm slides
- When stacked 12 cabinets high (with optional base), up to 54,000 slides can be stored in 2 sq. ft. of floor space
- Interlocking design works with all current Fisherbrand and Fisher Scientific™ metal microslide cabinets
- Unit contains six interchangeable drawers, each fitted with cardholder, choice of brass or plastic pull knob, and two compressor blocks to maintain slides upright in partially filled drawers



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 07-212-100 | Dark Beige  | 1/EA     |
| 07-212-101 | Green       | 1/EA     |
| 07-212-102 | White       | 1/EA     |
| 07-212-103 | Tan         | 1/EA     |

### Microtomy Equipment

#### Blades and Knives [Microtomy]

## Fisher Scientific™ Tissue Path™ High-Profile Microtome Blades

- Precision-ground for optimal angle and facet configuration
- Offers greater rigidity to prevent chattering and produces excellent ribboning characteristics

| Cat. No.   | Description                  | Quantity |
|------------|------------------------------|----------|
| 22-030-530 | Thickness: 0.3mm (0.012 in.) | 50/PK    |

## Pipetting Devices

## Mechanical Pipet Fillers

## BrandTech™ macro Pipet Controllers

- Firmly holds and fills all volumetric and serologic pipettes from 0.1mL to 200mL
- A single pipetting lever controls filling, meniscus setting, and discharge
- Convenient blow-out bulb above the lever permits accurate dispensing from blow-out pipets
- Easy-to-use controls and light weight—31/2 oz. (106g)—reduce stress of repetitive pipetting
- Built-in, replaceable 3µm hydrophobic filter (spare included) limits over-aspiration of liquids into the valve system
- Silicone pipet adapter is replaceable
- Entire instrument is autoclavable at 121°C (250°F) for 20 minutes
- Choice of four colors
- Drain times suitable for Class A glassware



| Cat. No.            | Description | Quantity |
|---------------------|-------------|----------|
| <i>Color: Green</i> |             |          |
| 13-688-853          | up to 200mL | 1/EA     |

## Fisherbrand™ Pipet Controller Filler

- Works with both glass and plastic pipets from 0.1 to 100mL
- Blow-out bulb for use with blow-out pipets
- Hydrophobic membrane filter reduces penetration by liquids
- Allows aspiration up to 50mL with one compression
- Fill rate is continuously variable with the pipetting lever
- Lever provides simple discharge
- Valve system is designed so flow rate does not affect accuracy
- Chemical-resistant
- Autoclavable



| Cat. No.   | Description             | Quantity |
|------------|-------------------------|----------|
| 14-955-200 | Pipet Controller Filler | 1/EA     |

## Motorized Pipet Fillers

## Drummond™ Original Portable Pipet-Aid™ Pipet Controller

- Easy-to-use volume control mechanism permits precise fluid intake and delivery
- Check valve protects against accidental fluid intake into the handle
- Can be used with glass or plastic pipets
- Autoclavable components



| Cat. No.  | Description | Quantity |
|-----------|-------------|----------|
| 13-681-08 | 220V        | 1/EA     |

## Fisherbrand™ Electric Pipet Controller

- Ergonomic handgrip design for fatigue-free pipeting even in prolonged operations
- Single-handed operation and variable motor speed control provided by two pipet buttons
- At maximum motor speed, 50mL pipet is filled in less than 10 seconds
- Approximately 12 hours of continuous pipeting with 10mL pipet
- Direct exhaust of liquid vapors protects against corrosion and ensures long life of instrument
- Safety valve and hydrophobic membrane filter provides double protection against fluid penetration
- Select maximum motor speed to improve sensitivity and control with low-volume pipet



| Cat. No.   | Description      | Quantity |
|------------|------------------|----------|
| 14-955-202 | Pipet Controller | 1/EA     |

## Multichannel Electronic Pipettes

## Thermo Scientific™ E1-ClipTip™ Electronic Multichannel Fixed Pipette

### Innovative ClipTip interlocking tip interface technology†

- Tip is locked and sealed in place until ejected — no dropped tips that waste valuable samples
- Complete seal to secure the sample volume in each tip for enhanced accuracy and precision
- Tips are attached and ejected with a light touch — eliminates the frustration of banging tips on the pipette



### An ideal choice for sample transfers

- Reduce repetition and save time between labware formats with adjustable tip spacing in Equalizer models.

### Unified operation for multiple users and environments

- Personalized user interface and password protection ensure consistent operation among multiple users
- Electronic operation to help you enjoy pipetting again
- Designed for optimum comfort and ease of use, the electronic tip ejection and index finger pipetting action let your thumb relax during pipetting

### Two operating options ensure optimal function for every application

- Choose a step based Matrix or Presets with settings for your most common applications
- MyPipette™ — One click access for more efficient and unified pipetting
- Customize your main menu view by organizing icons in your preferred order or creating shortcuts for your favorite programs and pipetting functions. You can also protect important settings from unintentional editing with a password.
- Store up to 20 programs
- Tired of continuous editing? The Programs function allows you to store 20 your most common Matrix or Presets protocols with a specific name.
- A pipette for every application
- Choose from single channels, 8-16 channel multichannels, or 6-12-channel adjustable tip spacing Equalizer multichannel pipettes within the volume range of 0.5-1250- $\mu$ L.
- Track your pipette
- Service and calibration trackers remind you when the pipette needs to be sent to serviced.
- Liquid specific calibrations
- Higher quality results with liquid specific calibrations.
- Li-Ion battery
- Long lasting performance and fast recharging.
- Flexible re-charging
- Use either charging stand or a plug, you decide.
- Compatible with Thermo Scientific ClipTip pipette tips

| Cat. No.   | Description                    | Quantity |
|------------|--------------------------------|----------|
| 14-387-954 | 8-channel, 0.5 to 12.5 $\mu$ L | 1/EA     |

## Multichannel Manual Pipettes [Variable Volume]

## Fisherbrand™ Elite™ Multichannel Pipettes

- 8- and 12-channel pipettes with volume range of 1 up to 300 $\mu$ L
- Fully autoclavable - entire pipette can be steam autoclaved
- Extremely low plunger forces - work longer without fatigue and reduce the risk of RSI
- Soft-touch tip ejection—a gearing mechanism reducing tip ejection force up to 50%
- Ergonomic comfortable lightweight handle - comfortable grip and effortless tip attachment
- Optimal fit with SureOne pipette tips - best pipetting performance
- Super blow-out piston - creates 150% bigger air push than conventional piston for delivery of the micro size drops



| Cat. No.   | Description              | Quantity |
|------------|--------------------------|----------|
| FBE1200010 | Range: 1 to 10 $\mu$ L   | 1/EA     |
| FBE1200050 | Range: 5 to 50 $\mu$ L   | 1/EA     |
| FBE1200100 | Range: 10 to 100 $\mu$ L | 1/EA     |
| FBE800300  | Range: 30-300 $\mu$ L    | 1/EA     |
| FBE800010  | Range: 1 to 10 $\mu$ L   | 1/EA     |
| FBE800050  | Range: 5 to 50 $\mu$ L   | 1/EA     |
| FBE800300  | Range: 30 to 300 $\mu$ L | 1/EA     |
| FBE800100  | Range: 10 to 100 $\mu$ L | 1/EA     |

## Single Channel Electronic Pipettes

## Eppendorf™ Xplorer™ Single-Channel Electronic Pipettes

- Selection dial for easy navigation between functions
- Multilingual menu
- User-friendly programming to change parameters quickly
- Rechargeable lithium ion battery
- Ergonomic display angle for in-hand balance
- Spring-loaded tip cone for consistent tip attachment



| Cat. No.              | Description                         | Quantity |
|-----------------------|-------------------------------------|----------|
| <i>Single-channel</i> |                                     |          |
| 13-684-256            | Blue; Volume range: 50-1000 $\mu$ L | 1/EA     |

## Thermo Scientific™ Finnpiquette™ Novus™ Single-Channel Pipettes

### Features

- Clear, easy-to-read, intuitive menu navigation
- New multilingual graphical user interface
- Backlight technology eliminates surrounding light reflections and improves contrast in low-light conditions
- Ten pipetting options; nine aspirate/dispense speeds
- Functions include forward, reverse, diluting, stepper pipetting, mixing, sequential stepping, and more
- Programmable for your own custom applications
- Easy in-lab calibration for accuracy and precision
- Fully autoclavable tip cone ensures sterility and avoids cross-contamination
- Long-life battery allows approximately 4000 pipetting operations; recharged in about one hour

### Ergonomic Design

- Extremely lightweight construction
- Natural index finger operation
- Adjustable finger rest for balance and comfort
- Trigger-action pipetting—index finger controls dispensing with just a soft press of a button
- Soft-touch tip ejection minimizes thumb strain; can be operated by either hand

| Cat. No.   | Description                 | Quantity |
|------------|-----------------------------|----------|
| 21-377-014 | Calibration range: 10-100uL | 1/EA     |
| 21-377-015 | Calibration range: 30-300uL | 1/EA     |

### Single Channel Manual Pipettes [Fixed Volume]

## Thermo Scientific™ Finnpiquette™ F2 Fixed-Volume Pipettes

- Fully autoclavable
- Super blow-out piston with volumes of 50µL and below ensures delivery of micro-size drops
- Light, smooth pipetting action enables better results over longer pipetting periods

| Cat. No.    | Description | Quantity |
|-------------|-------------|----------|
| <b>50uL</b> |             |          |
| 14-386-340  | +/-0.6%     | 1/EA     |



### Single Channel Manual Pipettes [Variable Volume]

## Eppendorf™ Research plus™ Adjustable-Volume Pipettes

- Volume adjustment feature allows desired volume to be reached in a few quick turns
- Control button and ejector's low operating force are positioned for ergonomics
- 4-digit, magnifying-shape volume display
- Calibration display and adjustment opening for specific liquids and volumes
- Ultra light PerfectPiston™ piston system constructed of chemically resistant Fortron™ (not available in 2.5µL, 10µL, 5mL, and 10mL pipettes)
- Quick connection clip allows removal of lower part in two quick steps (not available in 5 and 10mL pipettes)
- Spring loaded tip cone promotes tight fit to the tip (not available in 5 and 10mL pipettes)
- Color indicates pipette's volume



| Cat. No.   | Description               | Quantity |
|------------|---------------------------|----------|
| 13-690-048 | Volume Range: 10 to 100uL | 1/EA     |
| 13-690-052 | Volume Range: 30 to 300uL | 1/EA     |

## Fisherbrand™ Elite™ Adjustable-Volume Pipettes

- Fully autoclavable — entire pipette can be steam autoclaved
- Extremely low plunger forces — work longer without fatigue and reduce the risk of RSI
- Soft-touch tip ejection — a gearing mechanism reducing tip ejection force up to 50%
- Ergonomic comfortable lightweight handle — comfortable grip and effortless tip attachment
- Optimal fit with SureOne™ pipette tips — best pipetting performance
- Super blow-out piston — creates 150% bigger air push than conventional piston for delivery of the micro size drops



| Cat. No. | Description | Quantity |
|----------|-------------|----------|
| FBE00002 | 0.2-2uL     | 1/EA     |
| FBE00010 | 1-10uL      | 1/EA     |
| FBE00020 | 2-20uL      | 1/EA     |
| FBE00050 | 5-50uL      | 1/EA     |
| FBE00100 | 10-100uL    | 1/EA     |
| FBE00200 | 20-200uL    | 1/EA     |
| FBE01000 | 100-1000uL  | 1/EA     |
| FBE05000 | 0.5-5mL     | 1/EA     |
| FBE10000 | 1-10mL      | 1/EA     |



## Gilson™ PIPETMAN™ Neo Pipettes

- Redesigned tip ejector and ejection springs reduces tip ejection forces
- Unique clip ejector fits securely into the body of the pipette to avoid slipping over time
- PVDF handle limits the transfer of heat from hand to the pipette and is resistant to aggressive chemicals
- Stainless steel tip ejector resists corrosion and offers a smooth tip ejection stroke
- Color-coded push-button for ease of identification
- Unique tip holder allows for a secure fit of most brands of tip



| Cat. No.           | Description        | Quantity |
|--------------------|--------------------|----------|
| <b>Model P100N</b> |                    |          |
| F144566G           | Vol.: 100 - 1000uL | 1/EA     |
| <b>Model P100N</b> |                    |          |
| F144564G           | Vol.: 10 - 100uL   | 1/EA     |
| <b>Model P10N</b>  |                    |          |
| F144562G           | Vol.: 1 - 10uL     | 1/EA     |
| <b>Model P200N</b> |                    |          |
| F144565G           | Vol.: 20 - 200uL   | 1/EA     |
| <b>Model P20N</b>  |                    |          |
| F144563G           | Vol.: 2 - 20uL     | 1/EA     |
| <b>Model P2N</b>   |                    |          |
| F144561G           | Vol.: 0.2 - 2uL    | 1/EA     |

## Thermo Scientific™ Finnpipette™ F2 Adjustable-Volume Pipettes

- Large Ergovisio display with white numbers on black background for increased visibility
- Double-action pipetting button; rotating upper part prevents accidental volume alteration
- Light, smooth pipetting action enables better results over longer periods
- Fully autoclavable
- Super blow-out piston with volumes of 50µL and below ensures delivery of micro-size drops



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 14-386-318 | 10-100uL    | 1/EA     |

### Respiratory Protective Products

#### Air Purifying Respirators [Single Use]

## Kimberly-Clark™ Tecnol™ FLUIDSHIELD™ PFR95™ N95 Particulate Filter Respirators

- Pouch-style with polyurethane
- Headbands
- Orange
- Available in small and regular size



| Cat. No.  | Description   | Quantity |
|-----------|---------------|----------|
| 189992453 | Size: Regular | 35/PK    |

### Shakers and Mixers

#### Platform Shaker Accessories

## Boekel™ Platforms for Microprocessor Controlled Orbital Shaker



| Cat. No.   | Description                                       | Quantity |
|------------|---|----------|
| 15-600-321 | Flat platform with rubber mat (approx. 9 x 9 in.) | 1/EA     |

#### Rotating Benchtop Shakers

## Thermo Scientific™ Compact Digital Mini Rotator

- Digital Speed Control: 50 to 300rpm
- Timer Range: Continuous or 1min to 99hrs 59min.



| Cat. No.   | Description                                 | Quantity |
|------------|---|----------|
| 11-676-340 | 100-240V, 50/60Hz, Cord set w/various plugs | 1/EA     |

#### Vortex Mixers

## Fisher Scientific™ Analog Vortex Mixer

- Used for flasks, beakers, tubes and microwell plates
- Touch mode mixer with three-way power switch
- Orbit: 4.9mm
- Speed knob: Variable 1 to 10 dial marks
- Variable speed: 300 to 3200rpm
- Electrical requirements: 120V 50/60Hz 150w
- L x W x H: 20.3 x 14 x 12.2cm (8 x 5.5 x 4.8")
- Maximum speed will vary depending on accessory used



| Cat. No.                   | Description       | Quantity |
|----------------------------|-------------------|----------|
| <b>Analog vortex mixer</b> |                   |          |
| 02-215-365                 | 120V 50/60Hz 150w | 1/EA     |

## Fisher Scientific™ Analog Vortex Mixers

- Continuous or touch modes
- Variable speed control
- Mixer includes both cup head and 3" head with cover



### Specifications

- Speed Range, 120V: 300-3200rpm; 230V: 300-2500rpm†
- Orbit: 4.9mm
- Controls: 3-way power switch
- Speed knob: Variable 1 to 10 dial marks
- Overall Dimensions: 4.8L x 6.8W x 4.8"H (12.2 x 17.3 x 12.2cm)
- Electrical: 120V 50/60Hz, 1.2A, 150w; 230V 50/60Hz, 0.6A, 150w
- Ship Weight: 11.7 lb. (5.3kg)† Maximum speed will vary depending on accessory used.

| Cat. No.                   | Description | Quantity |
|----------------------------|-------------|----------|
| <b>Analog Vortex Mixer</b> |             |          |
| 02-215-366                 | 230V; US    | 1/EA     |
| 02-215-367                 | 230v; UK    | 1/EA     |
| 02-215-368                 | 230V; Euro  | 1/EA     |
| 02-215-369                 | 230V; Swiss | 1/EA     |

## Fisher Scientific™ Digital Vortex Mixer

- Continuous or touch modes
- Microprocessor controls
- LED display for speed and time
- Mixer includes both cup head and 3" head with cover



### Specifications

- Speed Range, 120V: 500-3000rpm; 230V: 500-2500rpm†
- Orbit: 4.9mm
- Controls: 3-way power switch
- LED display for time/speed
- Up/down arrow keys for set-point control
- Overall Dimensions: 4.8L x 6.8W x 4.8"H (12.2 x 17.3 x 12.2cm)
- Electrical: 120V 50/60Hz, 1.2A, 150w; 230V 50/60Hz, 0.6A, 150w
- Ship Weight: 11.7 lb. (5.3kg)† Maximum speed will vary depending on accessory used

| Cat. No.                    | Description | Quantity |
|-----------------------------|-------------|----------|
| <b>Digital Vortex Mixer</b> |             |          |
| 02-215-370                  | 120V        | 1/EA     |

## Thermo Scientific™ MaxiMix I Vortex Mixer

- Fast, uniform mixing in continuous operation or touch-on mode
- Simultaneously mixes up to four test tubes
- Push-button top-mounted ON/OFF switch
- Vary vortex mixing by simply changing pressure of tube against foam rubber top
- Durable, white plastic case resists acids and alkalis
- Cast-aluminum base with suction-cup rubber feet provides maximum stability
- Compact design with 4" diameter (10.2cm) foam rubber top



| Cat. No.   | Description  | Quantity |
|------------|--------------|----------|
| 82-94C-27Q | 230V 50/60Hz | 1/EA     |

## Slide Handling Devices

### Slide Warmers

## Fisher Scientific™ Slide Drying Bench

- Holds up to 50 3 x 1" slides
- Dries slides across or angled on the drying bars, or lying flat without bars
- Aluminum housing, with black and white exterior that is durable and easy to clean
- Painted aluminum top reduces glare, provides high-contrast background for viewing specimens
- With built-in controller and dial-type temperature adjustment



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 11-474-470 | 115V        | 1/EA     |

## Fisher Scientific™ Slide Warmer with Drying Bars

- Capacity: Upto 50 (1 x 3") slides
- Slides arranged on bench in different orientations
- Temperature range: From slightly above ambient to 100°C
- Built-in temperature controller controlling temperature upto 100°C
- Reference dial and knob permit close adjustment and regulation of temperature
- Clear neon light indicates power on, amber light heater on
- Painted aluminum top reduces glare, provides a high-contrast background for viewing specimen
- Durable, easy-to-clean aluminum housing, black and white exterior
- Replaceable heating element



| Cat. No.   | Description | Quantity |
|------------|-------------|----------|
| 11-474-522 | 230V        | 1/EA     |

## Temperature Control Devices

### Laboratory Freezers

## Fisher Scientific™ Isotemp™ General-Purpose Series Lab Freezers, 24 cu. ft.

- 24 cu. ft. capacity
- Freezer cabinet range: -12° to -30°C (factory setpoint -30°C)
- Lockable doors are manufactured in durable, stainless steel
- Stainless-steel interior
- Standard access port



| Cat. No.                    | Description  | Quantity |
|-----------------------------|--|----------|
| <b>Capacity: 24 cu. ft.</b> |  |          |
| 11-670-202                  | Shelves: Gray - 3 wire; Solid stainless-steel door, single; 115V, 60Hz | 1/EA     |
| 11-670-203                  | Shelves: Gray - 3 Wire; Solid stainless-steel door, single; 115V 60Hz  | 1/EA     |

## Fisher Scientific™ Isotemp™ General-Purpose Series Lab Freezers, 34 cu. ft.

- 34 cu. ft. capacity
- Freezer cabinet range:  $-12^{\circ}$  to  $-30^{\circ}\text{C}$  (factory setpoint  $-30^{\circ}\text{C}$ )
- Lockable doors are manufactured in durable, stainless steel
- Stainless-steel interior
- Standard access port



| Cat. No.                   | Description            | Quantity |
|----------------------------|------------------------|----------|
| <b>Alarms and recorder</b> |                        |          |
| 11-670-205                 | 34 cu. ft.; 115V, 60Hz | 1/EA     |
| <b>Alarms only</b>         |                        |          |
| 11-670-204                 | 34 cu. ft.; 115V, 60Hz | 1/EA     |

## Fisher Scientific™ Isotemp™ General-Purpose Series Lab Freezers, 48 cu. ft.

- 48 cu. ft. capacity
- Freezer cabinet range:  $-12^{\circ}$  to  $-30^{\circ}\text{C}$  (factory setpoint  $-30^{\circ}\text{C}$ )
- Lockable doors are manufactured in durable, stainless steel
- Stainless-steel interior
- Standard access port

| Cat. No.          | Description   | Quantity |
|-------------------|---|----------|
| <b>48 cu. ft.</b> |   |          |
| 11-670-206        | Shelves: Gray - 6 Wire; Solid stainless-steel door, double; 230V 60Hz | 1/EA     |
| 11-670-207        | Shelves: Gray - 6 Wire; Solid stainless-steel door, double; 230V 60Hz | 1/EA     |

## Thermo Scientific™ Revco™ High-Performance Lab Freezers

- Temperature factory-preset at  $-20^{\circ}$  or  $-30^{\circ}\text{C}$
- Capacities from 4.9 to 51.1 cu. ft. (139 to 1447L)
- Icon-based controls and displays
- Large, easy-to-read digital display shows temperature within  $1^{\circ}\text{C}$
- Graphic thermometer is steady green when temperature is normal, flashes top bar for overtemperature, flashes bulb for undertemperature



### Microprocessor Control

- Audible/visual warnings for overtemperature, undertemperature, or power failure
- Key-operated OFF/ON/ALARM ON master switch for setpoint security
- Push-button alarm test
- Remote alarm contacts
- Alarm silence, ringback, and auto reset
- Controller battery backup system

| Cat. No.                 | Description   | Quantity |
|--------------------------|---|----------|
| <b>Automatic defrost</b> |   |          |
| 13-990-266               | $-30^{\circ}\text{deg.C}$ ; 4.9 cu. ft.; 115V, 60Hz                           | 1/EA     |
| 13-991-129               | $-30^{\circ}\text{deg.C}$ ; 29.2 cu. ft.; 230V 50Hz                           | 1/EA     |
| 14-259-233               | $-30^{\circ}\text{deg.C}$ ; 4.9 cu. ft.; NEMA 6-15P plug type; 208/230V, 60Hz | 1/EA     |
| 22-285-651               | $-30^{\circ}\text{deg.C}$ ; 51.1 cu. ft.; 115V 60Hz                           | 1/EA     |
| 22-285-652               | $-30^{\circ}\text{deg.C}$ ; 51.1 cu. ft.; 208/230V 60Hz                       | 1/EA     |

## Laboratory Refrigerators

### Fisher Scientific™ Isotemp™ General-Purpose Refrigerators

- Thermostat control of temperatures ranging from  $1^{\circ}$  to  $8^{\circ}\text{C}$  with  $\pm 3^{\circ}$  stability
- Capacity, 17 cu. ft. (481L) Automatic defrost
- CFC-free (R134A) refrigerant, polyurethane insulation
- White painted steel cabinet, white epoxy powder-coated steel interior
- Solid door has hinge mechanism that holds door open at  $95^{\circ}$  angle, closes with a gentle push
- Four adjustable legs ensure cabinet is level on irregular floors
- Four fixed white epoxy-coated steel-wire shelves resist most acids, solvents, and chemicals



| Cat. No.                     | Description | Quantity |
|------------------------------|-------------|----------|
| <b>Capacity: 5.5 cu. ft.</b> |             |          |
| 05LREEFSA                    | 115V, 60Hz  | 1/EA     |

### Fisher Scientific™ Isotemp™ General-Purpose Series Lab Refrigerators, 12 cu. ft.

- White painted exterior with white liner
- Inner cabinet storage: choice of painted or stainless steel interiors
- Available with or without chart recorders

### Performance

- Refrigerator cabinet temperature range:  $1$  to  $12^{\circ}\text{C}$  (factory setpoint  $4^{\circ}\text{C}$ )
- Digital temperature controller with intuitive interface
- Excellent temperature stability of  $\pm 3^{\circ}\text{C}$  and cabinet uniformity of  $\pm 3^{\circ}\text{C}$
- High-density, fluorine-free insulation
- Automatic defrost

### Security

- Keyed on/off switch
- High/low, visual/audio alarms
- Choice of solid or glass lockable doors
- Easily accessible contacts for backup monitoring
- Door ajar alarm (except sliding glass doors)
- Control panel with key lock

### Quality

- Dual-pane glass or stainless steel doors
- Casters for easy mobility with leveling for better stability
- Quiet refrigeration system
- Standard access port

| Cat. No.          | Description                        | Quantity |
|-------------------|------------------------------------|----------|
| <b>12 cu. ft.</b> |                                    |          |
| 11-670-226        | Glass door                         | 1/EA     |
| 11-670-227        | Chart recorder; Glass door, single | 1/EA     |



## Fisher Scientific™ Isotemp™ General-Purpose Series Lab Refrigerators, 23 cu. ft.

- Inner cabinet storage: choice of painted or stainless steel interiors
- Available with or without chart recorders



### Performance

- Refrigerator cabinet temperature range: 1 to 12°C (factory setpoint 4°C)
- Digital temperature controller with intuitive interface
- Excellent temperature stability of ±3°C and cabinet uniformity of ±3°C
- High-density, fluorine-free insulation
- Automatic defrost

### Security

- Keyed on/off switch
- Optional chart recorder
- High/low, visual/audio alarms
- Choice of solid or glass lockable doors
- Easily accessible contacts for backup monitoring
- Door ajar alarm (except sliding glass doors)
- Control panel with key lock

### Quality

- Dual-pane glass or stainless steel doors
- High-quality steel exterior
- Choice of painted or stainless steel interior
- Casters for easy mobility with leveling for better stability
- Quiet refrigeration system
- Standard access port

| Cat. No.          | Description   | Quantity |
|-------------------|---|----------|
| <b>23 cu. ft.</b> |   |          |
| 11-670-228        | Glass door, single; White interior; Shelves: White - 4 Wire; Florescent light                     | 1/EA     |
| 11-670-229        | Chart recorder; Glass door, single; White interior; Shelves: White - 4 Wire; Florescent light     | 1/EA     |
| 11-670-230        | Solid stainless-steel door, single; White interior; Incandescent light                            | 1/EA     |
| 11-670-232        | Glass door, single; SS interior; Shelves: Gray - 4 Wire; Florescent light                         | 1/EA     |
| 11-670-233        | Chart recorder; Glass door, single; SS interior; Shelves: Gray - 4 Wire; Florescent light         | 1/EA     |
| 11-670-234        | Solid stainless-steel door, single; SS interior; Shelves: Gray - 4 Wire; Incandescent light       | 1/EA     |
| 11-670-235        | Chart recorder; Solid stainless-steel door, single; SS interior; Shelves: Gray - 4 Wire           | 1/EA     |
| <b>23 cu.ft.</b>  |   |          |
| 11-670-231        | Solid stainless-steel door, single; White interior; Shelves: White, 4-wire; Alarm, recorder; 5.8A | 1/EA     |

## Fisher Scientific™ Isotemp™ General-Purpose Series Lab Refrigerators, 27 cu. ft.

- Inner cabinet storage: choice of painted or stainless steel interiors
- Available with or without chart recorders



### Performance

- Refrigerator cabinet temperature range: 1 to 12°C (factory setpoint 4°C)
- Digital temperature controller with intuitive interface
- Excellent temperature stability of ±3°C and cabinet uniformity of ±3°C
- High-density, fluorine-free insulation
- Automatic defrost

### Security

- Keyed on/off switch
- Optional chart recorder
- High/low, visual/audio alarms
- Choice of solid or glass lockable doors
- Easily accessible contacts for backup monitoring
- Door ajar alarm (except sliding glass doors)
- Control panel with key lock

### Quality

- Dual-pane glass or stainless steel doors
- High-quality steel exterior
- Choice of painted or stainless steel interior
- Casters for easy mobility with leveling for better stability
- Quiet refrigeration system
- Standard access port

| Cat. No.          | Description  | Quantity |
|-------------------|--|----------|
| <b>27 cu. ft.</b> |  |          |
| 11-670-236        | Glass door, single; White interior; Shelves: White - 4 Wire; Florescent light                                    | 1/EA     |
| 11-670-237        | Chart recorder; Glass door, single; Shelves: White - 4 Wire; Florescent light                                    | 1/EA     |
| 11-670-238        | Solid stainless-steel door, single; White interior; Shelves: white - 4 Wire; Florescent light                    | 1/EA     |
| 11-670-239        | Solid stainless-steel door, single; White interior; Shelves: White 4 Wire; Florescent light; Alarms and recorder | 1/EA     |
| 11-670-240        | Glass door, single; SS interior; Shelves: Gray - 4 Wire; Florescent light  | 1/EA     |
| 11-670-241        | Chart recorder; Glass door, single; SS interior; Shelves: Gray - 4 Wire; Florescent light                        | 1/EA     |
| 11-670-242        | Solid stainless-steel door, single; SS interior; Shelves: Gray - 4 Wire; Florescent light                        | 1/EA     |
| <b>27 cu.ft.</b>  |  |          |
| 11-670-243        | 4 wire grey shelf; SS interior; 1 door; Alarm, recorder; 5.8A  | 1/EA     |

## Fisher Scientific™ Isotemp™ General-Purpose Series Lab Refrigerators, 38 cu. ft.

- Inner cabinet storage: choice of painted or stainless steel interiors
- Available with or without chart recorders

### Performance

- Refrigerator cabinet temperature range: 1 to 12°C (factory setpoint 4°C)
- Digital temperature controller with intuitive interface
- Excellent temperature stability of  $\pm 3^\circ\text{C}$  and cabinet uniformity of  $\pm 3^\circ\text{C}$
- High-density, fluorine-free insulation
- Automatic defrost

### Security

- Keyed on/off switch
- Optional chart recorder
- High/low, visual/audio alarms
- Choice of solid or glass lockable doors
- Easily accessible contacts for backup monitoring
- Door ajar alarm (except sliding glass doors)
- Control panel with key lock

### Quality

- Dual-pane glass or stainless steel doors
- High-quality steel exterior
- Choice of painted or stainless steel interior
- Casters for easy mobility with leveling for better stability
- Quiet refrigeration system
- Standard access port

| Cat. No.          | Description   | Quantity |
|-------------------|---|----------|
| <b>38 cu. ft.</b> |   |          |
| 11-670-244        | Sliding glass door, double; White interior; Shelves: White - 8 Wire; Florescent light                 | 1/EA     |
| 11-670-245        | Chart recorder; Sliding glass door, double; White interior; Shelves: White - 8 Wire; Florescent light | 1/EA     |

## Fisher Scientific™ Isotemp™ General-Purpose Series Lab Refrigerators, 45 cu. ft.

- Inner cabinet storage: choice of painted or stainless steel interiors
- Available with or without chart recorders

### Performance

- Refrigerator cabinet temperature range: 1 to 12°C (factory setpoint 4°C)
- Digital temperature controller with intuitive interface
- Excellent temperature stability of  $\pm 3^\circ\text{C}$  and cabinet uniformity of  $\pm 3^\circ\text{C}$
- High-density, fluorine-free insulation
- Automatic defrost

### Security

- Keyed on/off switch
- Optional chart recorder
- High/low, visual/audio alarms
- Choice of solid or glass lockable doors
- Easily accessible contacts for backup monitoring
- Door ajar alarm (except sliding glass doors)
- Control panel with key lock

### Quality

- Dual-pane glass or stainless steel doors
- High-quality steel exterior
- Choice of painted or stainless steel interior
- Casters for easy mobility with leveling for better stability
- Quiet refrigeration system
- Standard access port

| Cat. No.          | Description   | Quantity |
|-------------------|---|----------|
| <b>45 cu. ft.</b> |   |          |
| 11-670-246        | Sliding glass door, double; White interior; Shelves: White - 8 Wire; Florescent light                 | 1/EA     |
| 11-670-247        | Chart recorder; Sliding glass door, double; White interior; Shelves: White - 8 Wire; Florescent light | 1/EA     |
| 11-670-248        | Sliding glass door, double; SS interior; Shelves: Gray - 8 Wire; Florescent light                     | 1/EA     |
| 11-670-249        | Chart recorder; Sliding glass door, double; SS interior; Shelves: Gray - 8 Wire; Florescent light     | 1/EA     |

## Fisher Scientific™ Isotemp™ General-Purpose Series Lab Refrigerators, 49 cu. ft.

- Inner cabinet storage: choice of painted or stainless steel interiors
- Available with or without chart recorders

### Performance

- Refrigerator cabinet temperature range: 1 to 12°C (factory setpoint 4°C)
- Digital temperature controller with intuitive interface
- Excellent temperature stability of ±3°C and cabinet uniformity of ±3°C
- High-density, fluorine-free insulation
- Automatic defrost

### Security

- Keyed on/off switch
- Optional chart recorder
- High/low, visual/audio alarms
- Choice of solid or glass lockable doors
- Easily accessible contacts for backup monitoring
- Door ajar alarm (except sliding glass doors)
- Control panel with key lock

### Quality

- Dual-pane glass or stainless steel doors
- High-quality steel exterior
- Choice of painted or stainless steel interior
- Casters for easy mobility with leveling for better stability
- Quiet refrigeration system
- Standard access port



## Fisher Scientific™ Isotemp™ General-Purpose Series Lab Refrigerators, 72 cu. ft.

- Inner cabinet storage: choice of painted or stainless steel interiors
- Available with or without chart recorders

### Performance

- Refrigerator cabinet temperature range: 1 to 12°C (factory setpoint 4°C)
- Digital temperature controller with intuitive interface
- Excellent temperature stability of ±3°C and cabinet uniformity of ±3°C
- High-density, fluorine-free insulation
- Automatic defrost

### Security

- Keyed on/off switch
- Optional chart recorder
- High/low, visual/audio alarms
- Choice of solid or glass lockable doors
- Easily accessible contacts for backup monitoring
- Door ajar alarm (except sliding glass doors)
- Control panel with key lock

### Quality

- Dual-pane glass or stainless steel doors
- High-quality steel exterior
- Choice of painted or stainless steel interior
- Casters for easy mobility with leveling for better stability
- Quiet refrigeration system
- Standard access port



| Cat. No.          | Description  | Quantity |
|-------------------|--|----------|
| <b>49 cu. ft.</b> |  |          |
| 11-670-250        | Glass door, double; White interior; Shelves: White - 8 Wire; Florescent light                                    | 1/EA     |
| 11-670-251        | Chart recorder; Glass door, double; White interior; Shelves: White - 8 Wire; Florescent light                    | 1/EA     |
| 11-670-252        | Solid stainless-steel door, double; White interior; Shelves: White - 8 Wire; Florescent light                    | 1/EA     |
| 11-670-253        | Solid stainless-steel door, double; White interior; Shelves: White 8 Wire; Florescent light; Alarms and recorder | 1/EA     |
| 11-670-254        | Glass door, double; SS interior; Shelves: Gray - 8 Wire; Florescent light  | 1/EA     |
| 11-670-255        | Chart recorder; Glass door, double; SS interior; Shelves: Gray - 8 Wire; Florescent light                        | 1/EA     |
| 11-670-256        | Solid stainless-steel door, double; SS interior; Shelves: Gray - 8 Wire; Florescent light                        | 1/EA     |
| <b>49 cu.ft.</b>  |  |          |
| 11-670-257        | Solid stainless-steel door, double; SS interior; 8 wire grey shelf; 1 door; Alarm, recorder; 8.8A                | 1/EA     |

| Cat. No.          | Description  | Quantity |
|-------------------|--|----------|
| <b>72 cu. ft.</b> |  |          |
| 11-670-258        | Glass door, triple; White interior; Shelves: White - 12 Wire; Florescent light                 | 1/EA     |
| 11-670-259        | Chart recorder; Glass door, triple; White interior; Shelves: White - 12 Wire; Florescent light | 1/EA     |
| 11-670-260        | Glass door, triple; SS interior; Shelves: Gray - 12 Wire; Florescent light                     | 1/EA     |
| 11-670-261        | Chart recorder; Glass door, triple; SS interior; Shelves: Gray - 12 Wire; Florescent light     | 1/EA     |

## Fisher Scientific™ Isotemp™ General-Purpose Undercounter Refrigerator

- Excellent temperature stability (<3°C, ensuring no region of the cabinet can reach zero degrees/ freezing)
- Temperature range of 2° to 10°C, preset to 4°C
- Low energy consumption
- Low heat rejection
- Low noise levels



| Cat. No.   | Description        | Quantity |
|------------|--------------------|----------|
| 13-986-050 | 5.4 cu. ft. (153L) | 1/EA     |

Laboratory Refrigerators [with Freezers]

### Fisher Scientific™ Isotemp™ Combination Refrigerator/Freezer

- Temperature range from 1° to 12°C (refrigerator), -12 to -20°C (freezer)
- Total capacity: 18.2 cu. ft. (515.4L)
- Automatic defrost
- Energy usage: 470 kWh/year
- Two adjustable shelves
- Right door swing that's reversible



| Cat. No.          | Description  | Quantity |
|-------------------|--|----------|
| <b>18 cu. ft.</b> |  |          |
| 13-994-201        | Exterior L x W x H: 32 x 28 x 66.5 in.; 120V, 60Hz | 1/EA     |

### Fisher Scientific™ Isotemp™ General-Purpose Series Refrigerator/Freezer

**Performance**

- Dual refrigeration system
- Refrigerator temperature range: 1° to 12°C (factory setpoint 4°C)
- Freezer temperature range: -20° to 0°C (factory setpoint -20°C)
- Digital temperature controller for both chambers with intuitive interface
- Temperature stability of ±3°C
- High-density, fluorine-free insulation
- Automatic defrost
- 1" (2.54cm) rear access port in each compartment



**Security**

- Keyed on/off switch
- High/low temperature; audio/visual alarms
- Easily accessible contacts for backup monitoring
- Door ajar alarms
- Lockable controller settings

**Quality**

- High-quality steel front exterior
- Aluminum interior
- Casters for easy mobility
- Quiet refrigeration system

| Cat. No.   | Description  | Quantity |
|------------|--------------|----------|
| 13-991-898 | 2x10 cu. ft. | 1/EA     |

Refrigerator and Freezer Accessories

### Thermo Scientific™ Freezer Fiberboard Storage Boxes

- Sturdy, water-repellant fiberboard boxes for sample storage
- Available in 2 and 3" high (5.1 and 7.6cm) sizes
- All are 5.25 x 5.25" (13.3 x 13.3cm) square
- With covers
- Order box dividers separately



| Cat. No.   | Description                 | Quantity |
|------------|-----------------------------|----------|
| 11-678-24B | 3 in. (80mm) Fiberboard box | 12/PK    |

Sterilization Verification Indicators

### Propper™ Duo-Spore™ Sporestrips

- Four-inch strips prepared from standard population suspension of *Aeobacillus stearothermophilus* and *Bacillus atrophaeus (globigii)* obtained from the American Type Culture Collection
- Survival and kill standards comply with specifications M1L-S-36586 and satisfy USP requirements



| Cat. No.  | Description                                     | Quantity |
|-----------|---|----------|
| 09-525-40 | Contains two test strips and one control strips | 25/PK    |

### Propper Manufacturing Sterilization Autoclave Tape

- Imprinted with a process indicator steam reactive ink
- Ink changes color when exposed to steam sterilization from white to black
- Ink is unaffected by dry heat or light
- Tape can be written on in pen or pencil
- Core size is 1"
- Each role contains 60 yards of tape
- Tape is coated with natural rubber adhesive and synthetic resin



| Cat. No.          | Description | Quantity |
|-------------------|-------------|----------|
| <b>13mm x 13m</b> |             |          |
| 11-889-13         | 1 in. core  | 1/EA     |

Ultra Low Temperature Freezers [Chest]

### Fisher Scientific™ Isotemp™ -86°C Ultra-Low Temperature Chest Freezers, 12.7 cu. ft.

- Standard RS232 and 4-20mA outputs allow for easy connection of independent monitoring devices
- State-of-the-art control with intuitive settings controls temperature, alarm setpoints, audible/visual alarm and 12-character message system
- Optional CO<sub>2</sub> and LN<sub>2</sub> safety back-up systems provide additional product protection in the event of a power or mechanical failure



| Cat. No.                               | Description       | Quantity |
|--|-------------------|----------|
| <b>Capacity: 12.7 cu. ft. (359.6L)</b> |                   |          |
| I913CA                                 | 115V/60Hz 16A     | 1/EA     |
| I913CD                                 | 208-230V/60Hz 12A | 1/EA     |
| I913CV                                 | 230V/50Hz 12A     | 1/EA     |

## Fisher Scientific™ Isotemp™ –86°C Ultra-Low Temperature Chest Freezers, 17 cu. ft.

- Standard RS232 and 4-20mA outputs allow for easy connection of independent monitoring devices
- State-of-the-art control with intuitive settings controls temperature, alarm setpoints, audible/visual alarm and 12-character message system
- Optional CO<sub>2</sub> and LN<sub>2</sub> safety back-up systems provide additional product protection in the event of a power or mechanical failure



| Cat. No.                             | Description       | Quantity |
|--------------------------------------|-------------------|----------|
| <b>Capacity: 17 cu. ft. (481.4L)</b> |                   |          |
| I917CA                               | 115V/60Hz 16A     | 1/EA     |
| I917CD                               | 208-230V/60Hz 12A | 1/EA     |
| I917CV                               | 230V/50Hz 12A     | 1/EA     |

## Fisher Scientific™ Isotemp™ –86°C Ultra-Low Temperature Chest Freezers, 20 cu. ft.

- Standard RS232 and 4-20mA outputs allow for easy connection of independent monitoring devices
- State-of-the-art control with intuitive settings controls temperature, alarm setpoints, audible/visual alarm and 12-character message system
- Optional CO<sub>2</sub> and LN<sub>2</sub> safety back-up systems provide additional product protection in the event of a power or mechanical failure



| Cat. No.                             | Description       | Quantity |
|--------------------------------------|-------------------|----------|
| <b>Capacity: 20 cu. ft. (566.3L)</b> |                   |          |
| I920CA                               | 115V/60Hz 16A     | 1/EA     |
| I920CD                               | 208-230V/60Hz 12A | 1/EA     |
| I920CV                               | 230V/50Hz 12A     | 1/EA     |

## Fisher Scientific™ Isotemp™ –86°C Ultra-Low Temperature Chest Freezers, 3 cu. ft.

- Standard RS232 and 4-20mA outputs allow for easy connection of independent monitoring devices
- State-of-the-art control with intuitive settings controls temperature, alarm setpoints, audible/visual alarm and 12-character message system
- Optional CO<sub>2</sub> and LN<sub>2</sub> safety back-up systems provide additional product protection in the event of a power or mechanical failure



| Cat. No.                           | Description     | Quantity |
|------------------------------------|-----------------|----------|
| <b>Capacity: 3 cu. ft. (84.9L)</b> |                 |          |
| I903CA                             | 115V/60Hz 10.5A | 1/EA     |
| I903CV                             | 230V/50Hz 5.4A  | 1/EA     |

### Ultra Low Temperature Freezers [Upright]

## Fisher Scientific™ Isotemp™ –86°C Ultra-Low Temperature Freezers, 13 cu. ft.

- Temperature range: –86° to –50°C
- Easy-to-read door-mounted LED with touchpad data entry



### Microprocessor Control

- Continuously monitors sensors to ensure proper performance
- Key-operated main power and alarm switch
- Control setpoint in 1°C increments
- Temperature deviation or power failure triggers audible/visual alarms
- LED shows temperature deviation due to power or temperature failure
- Time Delay, Alarm Test, Alarm Reset push-button controls
- Clean Filter, Alarm Battery Low and Voltage indicators
- Voltage Buck/Boost corrects incoming line voltage
- Low Voltage Surge Protection minimizes voltage spikes
- Battery backup supplies control panel in case of power failure

| Cat. No.                             | Description                         | Quantity |
|--------------------------------------|-------------------------------------|----------|
| <b>Capacity: 13 cu. ft. (368.1L)</b> |                                     |          |
| IU1386A                              | Holds 240 boxes; 115V/60Hz; 16A     | 1/EA     |
| IU1386D                              | Holds 240 boxes; 208-230V/60Hz; 12A | 1/EA     |
| IU1386V                              | Holds 240 boxes; 230V/50Hz; 12A     | 1/EA     |

## Fisher Scientific™ Isotemp™ –86°C Ultra-Low Temperature Freezers, 17.3 cu. ft.

- Temperature range: –86° to –50°C
- Easy-to-read door-mounted LED with touchpad data entry



### Microprocessor Control

- Continuously monitors sensors to ensure proper performance
- Key-operated main power and alarm switch
- Control setpoint in 1°C increments
- Temperature deviation or power failure triggers audible/visual alarms
- LED shows temperature deviation due to power or temperature failure
- Time Delay, Alarm Test, Alarm Reset push-button controls
- Clean Filter, Alarm Battery Low and Voltage indicators
- Voltage Buck/Boost corrects incoming line voltage
- Low Voltage Surge Protection minimizes voltage spikes
- Battery backup supplies control panel in case of power failure

| Cat. No.                               | Description                         | Quantity |
|--|-------------------------------------|----------|
| <b>Capacity: 17.3 cu. ft. (489.9L)</b> |                                     |          |
| IU1786A                                | Holds 320 boxes; 115V/60Hz; 16A     | 1/EA     |
| IU1786D                                | Holds 320 boxes; 208-230V/60Hz; 12A | 1/EA     |
| IU1786V                                | Holds 320 boxes; 230V/50Hz; 12A     | 1/EA     |



## Fisher Scientific™ Isotemp™ –86°C Ultra-Low Temperature Freezers, 23 cu. ft.

- Temperature range: –86° to –50°C
- Easy-to-read door-mounted LED with touchpad data entry



### Microprocessor Control

- Continuously monitors sensors to ensure proper performance
- Key-operated main power and alarm switch
- Control setpoint in 1°C increments
- Temperature deviation or power failure triggers audible/visual alarms
- LED shows temperature deviation due to power or temperature failure
- Time Delay, Alarm Test, Alarm Reset push-button controls
- Clean Filter, Alarm Battery Low and Voltage indicators
- Voltage Buck/Boost corrects incoming line voltage
- Low Voltage Surge Protection minimizes voltage spikes
- Battery backup supplies control panel in case of power failure

| Cat. No.                             | Description                         | Quantity |
|--------------------------------------|-------------------------------------|----------|
| <b>Capacity: 23 cu. ft. (651.3L)</b> |                                     |          |
| IU2386A                              | Holds 400 boxes; 115V/60Hz; 16A     | 1/EA     |
| IU2386D                              | Holds 400 boxes; 208-230V/60Hz; 12A | 1/EA     |
| IU2386V                              | Holds 400 boxes; 230V/50Hz; 12A     | 1/EA     |

## Fisher Scientific™ Isotemp™ –86°C Ultra-Low Temperature Freezers, 28 cu. ft.

- Temperature range: –86° to –50°C
- Easy-to-read door-mounted LED with touchpad data entry



### Microprocessor Control

- Continuously monitors sensors to ensure proper performance
- Key-operated main power and alarm switch
- Control setpoint in 1°C increments
- Temperature deviation or power failure triggers audible/visual alarms
- LED shows temperature deviation due to power or temperature failure
- Time Delay, Alarm Test, Alarm Reset push-button controls
- Clean Filter, Alarm Battery Low and Voltage indicators
- Voltage Buck/Boost corrects incoming line voltage
- Low Voltage Surge Protection minimizes voltage spikes
- Battery backup supplies control panel in case of power failure

| Cat. No.                             | Description                         | Quantity |
|--------------------------------------|-------------------------------------|----------|
| <b>Capacity: 28 cu. ft. (792.8L)</b> |                                     |          |
| IU2886D                              | Holds 600 boxes; 208-230V/60Hz; 12A | 1/EA     |
| IU2886V                              | Holds 600 boxes; 230V/50Hz; 12A     | 1/EA     |

## Fisher Scientific™ Isotemp™ Ultra-Low Temperature Undercounter Freezer

- Temperature range: –86° to –50°C, with control in 1° increments
- Capacity: 3.6 cu. ft. (101L)
- Maximum box capacity: 60 × 2", 36 × 3", 24 × 4"
- User-programmable temperature and alarm settings
- Visual/audible high/low temperature alarms adjustable in 1°C increments
- Battery backup with indicator for monitoring in event of power loss
- Control system S.M.A.R.T software allows service to diagnose freezer issues
- Remote contacts provide connection to external user-supplied alarm monitoring system



### Refrigeration System

- Two-stage sealed hermetic cascade system provides years of worry-free operation
- Environmentally friendly CFC/HCFC-free refrigerant
- Two commercially available low-noise, heavy-duty compressors for quiet in-lab operation

### Construction

- Powder-coated steel exterior and stainless-steel interior for easy cleaning and increased durability
- Space-saving vacuum insulation panel technology maximizes storage capacity while minimizing footprint Two internal compartments with inner doors and high-efficiency seals prevent cold air loss, reduce energy consumption
- Heated vent with plunger to clear icing prevents vacuum formation, allowing door to be easily opened repeatedly
- Lock and key on outer door for added security
- Two access ports for external probes or optional CO<sub>2</sub>/LN<sub>2</sub> backup system

| Cat. No.                     | Description | Quantity |
|------------------------------|-------------|----------|
| <b>Capacity: 3.6 cu. ft.</b> |             |          |
| 14-278-36                    | 115V 60Hz   | 1/EA     |

## Thermo Scientific™ Revco™ DxF –40°C Upright Ultra-Low Temperature Freezers

Thermo Scientific Revco DxF Series deliver a range of features including:

- Features a state-of-the-art refrigeration system, rugged construction
- Knee-level, easy-to-use microprocessor control panel
- Galvaneel interior in three sizes: 13, 17, and 23 cu.ft. (240, 320, 400L) to accommodate specific lab space and capacity requirements
- Five interior compartment doors to reduce cold air loss, improve temperature recovery after door closings (five door option available)
- Heavy gauge, cold-rolled steel exterior construction with a powder coat paint finish that resists chipping and rust
- 5" (127mm) foamed-in-place, polyurethane insulation
- Optional CO<sub>2</sub> or LN<sub>2</sub> safety back-up system for additional protection in the event of a power or mechanical failure
- Optional, built-in chart recorder for continuous monitoring
- Sturdy, solid, stainless steel shelving to support a full product load
- Vacuum relief port permits easy access after door openings
- Ergonomic, lockable door handle
- Power Management System with low voltage surge protection and buck/boost
- Easy-to-remove air filter
- Two (25mm) access ports

| Cat. No.                               | Description                     | Quantity |
|--|---------------------------------|----------|
| <i>Capacity: 13 cu. ft. (368.1L)</i>   |                                 |          |
| <b>DXF24040V</b>                       | Holds 240 boxes; 230V/50Hz; 12A | 1/EA     |
| <i>Capacity: 17.3 cu. ft. (489.9L)</i> |                                 |          |
| <b>DXF32040V</b>                       | Holds 320 boxes; 230V/50Hz; 12A | 1/EA     |

## Thermo Scientific™ Revco™ ExF –86°C Upright Ultra-Low Temperature Freezers

Thermo Scientific Revco ExF Series deliver a range of features including:

- Features a state-of-the-art refrigeration system, rugged construction
- Eye-level, easy-to-use microprocessor control panel
- Choice of painted galvaneel or stainless steel interior in four sizes: 13, 17, 23 and 28 cu. ft. (240, 320, 400 and 600L) to accommodate specific lab space and capacity requirements
- Five interior compartment doors to reduce cold air loss and improve temperature recovery after door closings
- Heavy gauge, cold-rolled steel exterior construction with a powder-coat paint finish that resists chipping and rust
- 5" (127mm) foamed-in-place, polyurethane insulation
- Optional CO<sub>2</sub> or LN<sub>2</sub> safety back-up system for additional protection in the event of a power or mechanical failure
- Optional, built-in chart recorder for continuous monitoring
- Sturdy, solid, stainless steel shelving to support a full product load
- Vacuum relief port permits easy access after door openings
- Ergonomic, lockable door handle
- Power Management System with low voltage surge protection and buck/boost
- Easy-to-remove air filter
- Two (25mm) access ports



| Cat. No.                             | Description   | Quantity |
|--------------------------------------|---|----------|
| <i>Capacity: 28 cu. ft. (792.8L)</i> |   |          |
| <b>EXF60086V</b>                     | Holds 600 boxes; 230V/50Hz; 12A; Painted galvaneel interior | 1/EA     |

### Tissue Handling Devices

#### Plastic Tissue Grinders

## Fisherbrand™ Disposable Tissue Grinders

- Sterile and pre-assembled
- Closed system prevents risk of contact with sample
- Easy-to-open Tyvek™ packaging
- Extra cap and patient label provided



| Cat. No.         | Description   | Quantity |
|------------------|---------------|----------|
| <b>02-542-07</b> | 50mL          | 10/CS    |
| <b>02-542-08</b> | 35mL          | 10/CS    |
| <b>02-542-09</b> | 15mL          | 10/CS    |
| <i>Ultra</i>     |               |          |
| <b>02-542-10</b> | Conical; 15mL | 10/CS    |
| <b>02-542-11</b> | Conical; 50mL | 10/CS    |

### Furniture

#### Seating

#### General Purpose Seating

## Fisher Scientific™ High-Form Vinyl Chairs, Bench Height

- Vacuum formed, urethane foam waterfall seats covered in flame-retardant vinyl
- Biomechanically engineered; ergonomic
- Backrest adjusts 4" forward or backward
- Seat height controlled by a pneumatic lift
- Available with seat pitch that adjusts 8° forward or 3° backward for better circulation during long periods of sitting



| Cat. No.                              | Description | Quantity |
|---------------------------------------|-------------|----------|
| <i>w/cast chrome base and casters</i> |             |          |
| <b>14-359-895</b>                     | Std. black  | 1/EA     |

## Fisherbrand™ Soil-Resistant Chairs

- High-profile, puncture-resistant polyurethane seat and back
- Low-form chair has dual-wheel casters suitable for hard floors or carpet; high-form chair features choice of glides or casters and an adjustable 20" (50.8cm) chrome footrest
- Pneumatic mechanism controls seat height
- Flame-resistant and produced CFC-free
- Feature roomy 17.375L x 17.5W x 1.5"H thick (44.1 x 44.5 x 3.8cm) seat
- Backrest adjusts horizontally 3" (7.6cm) forward and 3" (7.6cm) backward; vertically 3" (7.6cm) up and 3" (7.6cm) down
- Backrest dimensions: 15W x 10H x 1.375" thick (38.1 x 25.4 x 3.5cm)
- Base diameter: 24" (61cm)



| Cat. No.          | Description  | Quantity |
|-------------------|--|----------|
| <b>14-359-800</b> | High Form with Casters and adjustable foot ring  | 1/EA     |
| <i>High-Form</i>  |  |          |
| <b>14-359-320</b> | w/Adjustable foot ring and glides; 22 to 32 in. seat height; Overall: 23.5 x 23.5 x 44 in. | 1/EA     |
| <i>Low-Form</i>   |  |          |
| <b>14-359-324</b> | 16 to 21 in. seat height; Overall: 23.5 x 23.5 x 30 in                                     | 1/EA     |

## Shelving

## Shelving Units and Bases

## Fisherbrand™ Wall-Mounted Stainless-Steel Shelves



- 18 gauge stainless-steel polished to satin finish
- Knocked down (KD) type shelf
- Die stamped and die formed shelf and brackets
- Furnished with 1.5" sanitary rolled rim with 1.25" turn-up edge on sides and rear

| Cat. No.  | Description                  | Quantity |
|-----------|------------------------------|----------|
| 19033595A | 11.12 x 24 in. (28.2 x 61cm) | 1/EA     |

## Tables

## Advance Tabco™ Stainless-Steel Work Tables



| Cat. No.          | Description                   | Quantity |
|-------------------|-------------------------------|----------|
| <i>Undershelf</i> |                               |          |
| 19-033-552F       | L x W x H: 72 x 30 x 35.5 in. | 1/EA     |

## Instruments

## Balances

## Electronic Toploading Balances

## Mettler Toledo™ NewClassic ME Precision Balances

## Designed to Last

- Solid metal base
- Reinforced body
- Overload protection up to 100kg

## Stable and Accurate

- State-of-the-art technology
- Readability and repeatability from 0.1 to 0.001g
- Low temperature drift effect: 3.0ppm/degreeC
- 

## Efficient Operation

- Intuitive interface with clear readout: large numbers and backlit display
- 10 Built-in applications
- Fast, <1.5 sec. settling time
- Rounded edges and smooth surfaces for easy cleaning
- Front-feet leveling

## Compliance Documentation

- Trace data with built-in data and time function
- Meet ISO/GLP documentation requirements



| Cat. No.                   | Description                       | Quantity |
|----------------------------|-----------------------------------|----------|
| <i>Max. Capacity: 220g</i> |                                   |          |
| 01-912-404                 | Readability/Repeatability: 0.001g | 1/EA     |

## Ohaus™ Pioneer™ Analytical and Precision Balances

- **Application Modes** - Weighing, Parts Counting, Percent, Density Determination, Dynamic Weighing
- **Weighing Units** - mg, g, ct, oz, dwt, tical, tola, mommes, baht, grain, mesghal, Newton, ozt, custom unit
- **Platform Size** - 9cm (3.54 in.) diameter
- **Operating Conditions** - 50°F / 10°C to 104°F / 40°C at 10% to 80% relative humidity, non-condensing, up to 4000m above sea level
- **Storage Temperature** - -40°F / -40°C to 158°F / 70°C at 10% to 80% relative humidity, non-condensing
- **Taring Time** - One second
- **Stabilization Time** - Three second
- **Display** - Backlit LCD



| Cat. No. | Description                         | Quantity |
|----------|-------------------------------------|----------|
| S05033   | Capacity/Readability: 3200g x 0.01g | 1/EA     |

## Mechanical Balances

## Ohaus™ Pull-Spring Scales

- ABS housing with metal face plate, pointer, spring and hook.
- Displays measurements in Grams, Ounces, Pounds and Newtons.
- Large faceplate for easy viewing.
- Weighs in N and hg.
- Custom internal spring mechanism.



| Cat. No. | Description             | Quantity |
|----------|-------------------------|----------|
| 02-110-1 | Capacity: 18 oz. (500g) | 1/EA     |

## Density and Specific Gravity Instruments

## Hydrometers

## Fisherbrand™ Replacement Hydrometers for Set of Eight Precision Specific Gravity Hydrometers



| Cat. No.                     | Description                | Quantity |
|------------------------------|----------------------------|----------|
| <b>Range: 1.400 to 1.620</b> |                            |          |
| 11-583FC                     | With 3-pt certification    | 1/EA     |
| <b>Range: 0.695 to 0.810</b> |                            |          |
| 11-583A                      | Without 3-pt certification | 1/EA     |
| 11-583AC                     | With 3-pt certification    | 1/EA     |
| <b>Range: 0.795 to 0.910</b> |                            |          |
| 11-583B                      | Without 3-pt certification | 1/EA     |
| 11-583BC                     | With 3-pt certification    | 1/EA     |
| <b>Range: 0.900 to 1.010</b> |                            |          |
| 11-583C                      | Without 3-pt certification | 1/EA     |
| 11-583CC                     | With 3-pt certification    | 1/EA     |
| <b>Range: 1.000 to 1.220</b> |                            |          |
| 11-583D                      | Without 3-pt certification | 1/EA     |
| 11-583DC                     | With 3-pt certification    | 1/EA     |
| <b>Range: 1.200 to 1.420</b> |                            |          |
| 11-583E                      | Without 3-pt certification | 1/EA     |
| 11-583EC                     | With 3-pt certification    | 1/EA     |
| <b>Range: 1.400 to 1.620</b> |                            |          |
| 11-583F                      | Without 3-pt certification | 1/EA     |
| <b>Range: 1.600 to 1.820</b> |                            |          |
| 11-583G                      | Without 3-pt certification | 1/EA     |
| 11-583GC                     | With 3-pt certification    | 1/EA     |
| <b>Range: 1.800 to 2.000</b> |                            |          |
| 11-583H                      | Without 3-pt certification | 1/EA     |

## Electrochemistry

## Benchtop Multiparameter Meters

## Fisher Scientific™ accumet™ AB Benchtop Meters



- Optional stirring probe accessory (Cat. No. 13-620-BSP) with five speed settings
- Compact size conserves valuable bench space
- Large display shows measurement and temperature at all times
- Automatic Temperature Compensation (ATC) in °C or °F
- Graphic display with adjustable backlight
- Date and Time to meet GLP
- Password protection
- Optional calibration reminder and high/low alarm
- 500-point memory — log manually or at intervals
- Easy-to-understand prompts
- Easily view calibration data
- 100 to 240V power supply includes multi-plugs for use around the globe
- Select preferred language as displayed on instrument — choose from English, German, Chinese, French, Italian and Spanish

| Cat. No.      | Description                 | Quantity |
|---------------|-----------------------------|----------|
| 13-636-AB150  | AB150 pH Kit                | 1/EA     |
| 13-636-AB150A | AB150 pH Meter              | 1/EA     |
| 13-636-AB150B | AB150 pH Bio Kit            | 1/EA     |
| 13-636-AB200  | AB200 pH/Conductivity Kit   | 1/EA     |
| 13-636-AB200A | AB200 pH/Conductivity Meter | 1/EA     |
| 13-636-AB250  | AB250 pH/ISE Kit            | 1/EA     |
| 13-636-AB250A | AB250 pH/ISE Meter          | 1/EA     |

## Benchtop pH Meters

## Oakton™ pH 700, CON 700, pH-CON 700 pH/Conductivity Benchtop Meters



- Low cost plus high performance
- Large dual display
- Built-in memory function
- Hold function
- Built-in memory function
- Available with built-in electrode stand
- Selectable manual or Automatic Temperature Compensation

**Note:** Cat. No. 13-620-461 does not come with a probe.

| Cat. No.   | Description   | Quantity |
|------------|---|----------|
| 13-620-748 | Includes meter, double-junction pH electrode, temp. probe, electrode stand, universal power supply/adapters | 1/EA     |

**Electrodes**

**Combination pH ORP Titration Electrodes**

**Fisher Scientific™ accumet™ Liquid-Filled Polymer Body Combination Electrodes: Mercury-Free**

**Standard pH Combination Electrodes**

- Rugged polypropylene body—ideal for handheld use with aqueous samples
- Endcap seal keeps membrane moist and ready
- 0 to 14pH range
- All have porous ceramic junction
- Available with single-junction Ag/AgCl reference or with double-junction Ag/AgCl reference



| Cat. No.                      | Description   | Quantity |
|-------------------------------|---|----------|
| <b>accumet pH</b>             |   |          |
| 13-620-220                    | Std. size; Double junction Ag/AgCl reference; Polypropylene body; Dual pin connectors | 1/EA     |
| <b>accumet pH combination</b> |   |          |
| 13-620-221                    | Std. Size Double-Junction Ag/AgCl reference; PP body, BNC connector                   | 1/EA     |
| 13-620-287A                   | Std. Size Single-Junction Ag/AgCl reference; PP body, BNC connector                   | 1/EA     |

**Humidity Instruments**

**Hygrometers [Electronic]**

**Fisher Scientific™ Traceable™ Clock/Thermometer/Humidity Meter**

- Battery-operated, wall-mounted unit has 9.75" dial
- Display of time to the second with 0.01% quartz crystal accuracy
- Temperature: -20° to +55°C (-4° to +131°F)
- Relative humidity: 0 to 100%



| Cat. No.  | Description                            | Quantity |
|-----------|--|----------|
| 06-664-10 | Clock thermometer/humidity thermometer | 1/EA     |

**Fisher Scientific™ Traceable™ Radio-Signal Hygrometer/Thermometer**

- Temperature range: -20° to +60°C and -4° to +140°F, with 0.1° resolution and ±1°C (1.8°F)
- Relative humidity: 25 to 90% RH, with 1% resolution over entire range and accuracy of ±2% (mid-range), ±4% (ends of range)
- Readings are updated every 30 seconds Main unit can receive signals from up to three remote sensors on three user-selectable channels
- Trend indicators show rising or falling humidity and temperature
- Minimum and maximum memory display allows monitoring of conditions over a period of time
- An alarm can be set (in increments of 1% RH and 1°C/°F) to sound when humidity or temperature falls outside set parameters
- Manufactured from high-impact, chemical-resistant ABS plastic



| Cat. No.  | Description         | Quantity |
|-----------|---------------------|----------|
| 14-648-52 | Radio-signal remote | 1/EA     |

**Fisher Scientific™ Traceable™ Relative Humidity/Temperature Meters**

- Humidity range: 25 to 95% RH, Accuracy: ±2% (midrange) to ±4% (outside midrange)
- Continuously and simultaneously display relative humidity (11-661-11) or humidity/temperature (11-661-12) in extra-large, 0.62"-high (1.5cm) digits
- Made from high-impact, chemical-resistant ABS plastic



| Cat. No.  | Description                        | Quantity |
|-----------|------------------------------------|----------|
| 11-661-11 | Meter only                         | 1/EA     |
| 11-661-12 | Without temperature memory readout | 1/EA     |
| 11-661-13 | With temperature memory readout    | 1/EA     |

**Fisher Scientific™ Traceable™ Thermometer/Clock/Humidity Monitor**

- Dual ranges: 0° to 50°C and 32° to 122°F
- Flip-down easel for desktop use
- Switch selectable Celsius or Fahrenheit readings
- Relative humidity range is 20 to 90%, resolution is 1% RH, and accuracy is ±8%
- Memory recalls highest and lowest temperature and humidity readings
- Clock shows time of day to the minute, with accuracy to 0.0190 seconds
- Easy-to-read LCD reports temperature with accuracy to ±1°C and resolution to 0.1°C/°F



| Cat. No. | Description                        | Quantity |
|----------|------------------------------------|----------|
| 06-662-4 | Thermometer-clock-humidity monitor | 1/EA     |

## Microplate Readers

## BioTek™ ELx800™ Absorbance Microplate Readers

- Two 24-character LCD and convenient soft-keys for easy use
- Onboard data analysis offers extensive curve-fitting options: linear, cubic, quadratic, 4-P, log-logit, cubic-spline, and point-to-point; plus endpoint and kinetic measurement
- Three modes of performance and optical specifications testing: optical self-test, a calibration test plate, and a "wet test"
- Auto or manual plate layout for blanks, controls, standards, and samples
- Compatible with optional Gen5™ software
- USB and RS232 ports for PC connection; parallel printer port ELx800 has 24-, 48-, and 96-well microplate read modes
- ELx800UV contains optics to extend wavelength range down to 340nm
- ELx800NB has the ability to read 384-well and 60-/72-/96-well Terasaki plates (with the help of optional software, sold separately)



| Cat. No.            | Description | Quantity |
|---------------------|-------------|----------|
| <i>Model ELx800</i> |             |          |
| BTELX800            | 400-750nm   | 1/EA     |

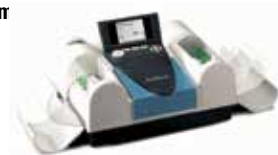
## Spectrophotometry

## Spectrophotometers [UV-Vis]

## Thermo Scientific™ SPECTRONIC™ 200 Spectrophotometer

## Advanced Functionality for Routine Measurement

- Large, bright, color LCD adjusts to the perfect angle for any user to view
- Standard sample compartment accommodates both 10mm square cuvettes and test tubes up to 1" (25mm) diameter
- Room light resistant optical system allows user to measure tall test tubes with the lid open
- Programmable Analyzer mode
- Supports mathematical manipulation of result data
- Displays the calculated result right on screen
- Saves methods and retrieves them for later use
- Supports methods with up to four factors and wavelengths
- Screen-print feature gives a permanent data record
- Quantitative analysis with either a factor or up to four standards offers confidence and accuracy
- Small footprint, stand-alone system saves bench space
- Low cost to stretch your budget
- Available Thermo Scientific VISION/lite™ software for your computer controls the instrument and provides data manipulation, storage and report printing options



| Cat. No.   | Description                         | Quantity |
|------------|-------------------------------------|----------|
| 14-385-491 | SPECTRONIC 200, 115V, US Power Cord | 1/EA     |

## Thermometers

## Digital Thermometers

## Fisher Scientific™ Econo Traceable™ Refrigerator Thermometer

- Switchable °F/°C temperature range
- Always-hold™ suction cup allows secure placement anywhere inside refrigerator; also supplied with Velcro™ fasteners
- Display updates every 30 seconds; allows capturing reading without any effect from open refrigerator door
- Wide range of thermometer makes it ideal for monitoring temperatures in storerooms, labs, offices, hoods, and cabinets
- Easy-view, LCD digit height is 0.5"
- Accuracy is  $\pm 1^\circ\text{C}$  in the range of 0 to 25°C and  $\pm 1.5^\circ\text{C}$  outside range; resolution of 0.1°



| Cat. No.   | Description                 | Quantity |
|------------|-----------------------------|----------|
| 15-077-944 | Econo Traceable thermometer | 1/EA     |

## Fisher Scientific™ Traceable™ Digital Thermometers with Short Sensors

- Select the correct temperature to use in water baths, refrigerators, incubators and tanks
- Choose from models with a variety of features including MAX/MIN function to record the maximum and minimum temperature in a certain time period; visual and audible alarms and multiple displays of recorded temperatures



| Cat. No.   | Description   | Quantity |
|--|---|----------|
| 15-077-20  | Range: -50 to +70deg.C (-58deg. to +158deg.F)                             | 1/EA     |
| 15-077-22  | Combined scale, 23deg. to 122deg.F / -5deg. to +50deg.C                   | 1/EA     |
| <i>Dual scale</i>  |   |          |
| 15-077-8D  | Range: -50deg. to +70deg.C (-58deg. to +158deg.F); 2.75 x 4.25 x 0.75 in. | 1/EA     |
| <i>Dual scale, Range: -50deg. to +70deg.C (-58deg. to +158deg.F)</i> |   |          |
| 15-077-8C  | Resolution: 0.1deg.C; Accuracy: +/-1deg.C                                 | 1/EA     |
| <i>Range: -50deg. to +70deg.C</i>                                    |   |          |
| 15-077-17B   | Resolution: 1deg.C; Accuracy: +/-1deg.C                                   | 1/EA     |
| 15-077-27  | Resolution/Accuracy: 0.1deg./+/-1deg.                                     | 1/EA     |
| <i>Range: -58 to +158deg.F</i>                                       |   |          |
| 15-077-17A   | Resolution/Accuracy: 1deg./+/-1deg.F                                      | 1/EA     |
| 15-077-28  | Resolution/Accuracy: 0.1deg./+/-2deg.F                                    | 1/EA     |

## Fisher Scientific™ Traceable™ Dual Thermometer with Min/Max and Time/Date

- Measures the temperature in the freezer and another in the refrigerator
- Alarm type: audio and visual alarms programmable in 1° increments
- 10' micro-cable
- Probe sealed in a miniature bottle 2.5 × 6.3cm (1 × 2.50 in.)
- Bottle filled with nontoxic glycol
- Range: -58° to +158°F and -50° to +70°C
- Resolution: 0.1°
- Accuracy: ±1°C



| Cat. No. | Description   | Quantity |
|----------|---|----------|
| S98182   | w/Two bottle probes for refrigerator/freezer applications | 1/EA     |
| S98183   | 2 Separate probes in C and F, Waterproof                  | 1/EA     |

## Fisher Scientific™ Traceable™ Dual Thermometer with Min/Max and Time/Date

- Displays date/time when minimum/maximum temperatures occur
- Audible and visual alarm feature provides alert when temperature exceeds two set points
- Alarm programmable in 1° increments
- 3' long (0.9m) micro-cable permits refrigerator doors to close on it
- Range: -50° to +70°C (-58° to +158°F)
- Resolution: 0.1°
- Accuracy: ±1°C



| Cat. No.   | Description   | Quantity |
|------------|---------------|----------|
| 15-078-184 | Bottle probes | 1/EA     |

## Fisher Scientific™ Traceable™ Hi-Accuracy Refrigerator Thermometer

- Triple display shows minimum/maximum, current temperatures
- Min/max monitors readings for any period; displays exact time/date temperature occurred
- Alarm provides two visual LEDs and two audio alerts, displays exact time/date of dual thermometer alarms
- Programmable in 0.01° increments
- Alarm signals continuously even if temperature returns to nonalarm range
- 10' micro-cable permits refrigerator doors to close on it



| Cat. No.   | Description      | Quantity |
|------------|------------------|----------|
| 15-078-215 | One bottle probe | 1/EA     |

## Fisher Scientific™ Traceable™ Jumbo Refrigerator/Freezer Thermometers

- Accurately monitor temperatures with this enclosed "temperature-buffered" sensor
- Bottle insulates sealed sensor from rapid temperature changes when refrigerator door is opened
- Thermometer fulfills all CDC thermometer and vaccine thermometer requirements
- Easy-view, jumbo 1.5" (38.1cm) high digits may be read from 30' (9m)
- Sensor and 10' cable perform accurately even when both are under water
- High-impact, chemical-resistant ABS plastic case
- Triple display simultaneously shows maximum, minimum and current probe temperatures plus room temperature
- Min./max. monitors high/low readings overnight, on weekends or for any time period — a significant advantage over "current reading-only" glass thermometers
- Range is -58° to +158°F and -50° to +70°C with a resolution of 0.01° and accuracy of ±1°C



| Cat. No.   | Description              | Quantity |
|------------|--------------------------|----------|
| 14-648-232 | With naked sensor        | 1/EA     |
| 14-648-233 | With sealed bottle probe | 1/EA     |

## Fisher Scientific™ Traceable™ RTD Platinum Freezer Thermometer

- 10', ultra-thin, ribbon micro-cable permits freezer doors to close on it without affecting the seal
- Fast-response, 100ohm platinum probe is triple purpose for use with liquids, air/gas, and frozen material
- RTD platinum probe measures 0.12 dia. × 5"
- Resolution, 0.1°; accuracy, ±2°C
- High-impact, chemical-resistant ABS case is 2.75 × 4.25 × 0.75" (7 × 10.8 × 1.9cm)
- Weight: 4.25 oz.



| Cat. No.   | Description                      | Quantity |
|------------|----------------------------------|----------|
| 15-077-961 | RTD platinum freezer thermometer | 1/EA     |

## Fisher Scientific™ Traceable™ Sentry™ Thermometer with Bottle

- Simple, one-button operation resets high/low memories
- Probe's wire mounting bracket permits easy sensor placement
- ABS plastic case has flip-open stand, wall hanging hook, magnet, and Velcro™ mounting tape
- Low battery is signaled on display
- Resolution, 1°; accuracy, ±1°C
- Dimensions: 2.62 × 2.5 × 0.75" (6.5 × 6.4 × 1.9cm)
- Weight: 1.87 oz.



| Cat. No.                | Description                                | Quantity |
|-------------------------|--|----------|
| <b>Celsius Scale</b>    |  |          |
| 15-077-941              | With bottle probe for refrigerator/freezer | 1/EA     |
| <b>Fahrenheit Scale</b> |  |          |
| 15-077-942              | With bottle probe for refrigerator/freezer | 1/EA     |

## Fisher Scientific™ Traceable™ Thermometer with Time/Date, Max/Min Memory

- Displays current, minimum, and maximum temperatures
- Display shows min/max of ambient or probe temperature, time of day, and month/day
- Submersible probe; wire mounting bracket permits easy probe placement
- Stainless-steel sensor and 6' (1.8m) cable perform accurately even when both are under water
- Sensor diameter: 0.18"; length: 1.5"
- Resolution is 0.5°; accuracy,  $\pm 1.5^\circ\text{C}$
- Dimensions: 3.5L x 3.5W x 1"H (8.9 x 8.9 x 2.5cm)
- 15-077-976 comes with special bottle probe specifically for refrigerator/freezer applications



| Cat. No.   | Description   | Quantity |
|------------|---|----------|
| 14-648-26  | Thermometer only  | 1/EA     |
| 15-077-976 | Thermometer with bottle probe for refrigerator/freezer applications | 1/EA     |

## Fisher Scientific™ Traceable™ Vaccine Refrigerator/Freezer Thermometer

- Probe is sealed in glycol solution which insulates sensor when refrigerator door is opened
- 5mL bottle mimics vaccine temperature and fits in trays
- Min./max. memory monitors high/low readings overnight, on weekends on for any time period
- High and low settable alarms
- Probe range:  $-50$  to  $+70^\circ\text{C}$ / $-58$  to  $+158^\circ\text{F}$
- Resolution:  $1^\circ$ ; accuracy:  $\pm 1\text{C}$



| Cat. No.   | Description   | Quantity |
|------------|---|----------|
| 06-664-11  | Refrigerator/Freezer Thermometer/Alarm                                | 1/EA     |
| 15-077-720 | Refrigerator/Freezer Thermometer/Alarm w/5mL glycol bottle attachment | 1/EA     |

### Nonmercury Filled Thermometers

## Fisherbrand™ Enviro-Safe™ Calibrated Thermometers

Use to verify sample temperatures in freezers, refrigerators, incubators and ovens with traceability to NIST and DAkkS. Feature a narrow temperature range certified at one specific point with  $0.5^\circ\text{C}$  accuracy.

- Type: Calibrated: certified to 0.1 of the smallest division
- Coating: Fluoropolymer coated for safety
- Thermometer fill: Enviro-Safe EnviroKleen
- Divisions: 0.5
- Accuracy:  $0.5^\circ\text{C}$
- Individually serialized



| Cat. No.                         | Description                                    | Quantity |
|----------------------------------|--|----------|
| <i>Range: -5deg. to +15deg.C</i> |  |          |
| 13-201-461                       | Certification point: 6deg.C; Refrigerator type | 1/EA     |

## Fisherbrand™ Nonmercury Verification Thermometers

- 30mL bottle size, choice of bottle fills
- Individual serial numbers and a Statement of Accuracy traceable to NIST
- Tested and calibrated in a triple accredited/registered ISO/IEC 17025:2005, A2LA laboratory



| Cat. No.                  | Description      | Quantity |
|---------------------------|------------------|----------|
| <i>Type: Freezer</i>      |                  |          |
| 13-202-632                | Red organic fill | 1/EA     |
| <i>Type: Incubator</i>    |                  |          |
| 13-202-630                | Red organic fill | 1/EA     |
| <i>Type: Oven</i>         |                  |          |
| 13-202-635                | Red organic fill | 1/EA     |
| <i>Type: Refrigerator</i> |                  |          |
| 13-202-631                | Red organic fill | 1/EA     |

### Special Purpose Thermometers

## Fisher Scientific™ Refrigerator/Freezer Thermometer

- Nontoxic glycol solution in bottle insulates sensor from rapid temperature changes when door is open
- Triple display shows high, low and current temperatures, and min/max feature monitors high and low readings for any time period
- Alarm feature provides an alert when temperature rises above or falls below a setpoint
- 10' micro-cable permits refrigerator doors to close on it
- Velcro™ fasteners and magnetic strips are provided for mounting of both thermometer and bottle sensor
- Supplied with one-year AA battery



| Cat. No.                    | Description                  | Quantity |
|-----------------------------|------------------------------|----------|
| <i>Resolution: 0.1 deg.</i> |                              |          |
| S66278                      | Size: 3.25 x 2.5 x 0.6 in.   | 1/EA     |
| <i>Resolution: 1 deg.</i>   |                              |          |
| S66277                      | Size: 2.75 x 4.25 x 0.75 in. | 1/EA     |

## Fisher Scientific™ Traceable™ Refrigerator/Freezer Alarm Thermometers

- Monitors temperature in freezers, refrigerators, incubators, water baths and heating blocks
- Triple display simultaneously shows current, high and low temperatures
- Alarm (Cat. No. 06-664-11 only) set in  $1^\circ$  increments alerts user with visual and audible signals if temperature goes outside setpoints
- 10' long (3m) micro cable permits doors to close on it
- Dimensions: 4.25L x 2.75W x 0.75"H (11 x 7 x 2cm)



| Cat. No.  | Description                                      | Quantity |
|-----------|--|----------|
| 06-664-23 | Traceable Refrigerator/Freezer Alarm Thermometer | 1/EA     |



**Timers**  
**General Purpose Timers**

### Fisher Scientific™ Traceable™ Benchtop Timer: 100-Minute

- One timing channel and single-line display
- Memory recall
- Timer range: 99 minutes, 59 seconds
- Resolution: 1 sec.
- Accuracy: 0.01%
- Display: 0.75" H LCD, readable from 20 ft.
- Alarm: 30 seconds, silenced automatically or manually
- Dimensions: 1.3L x 6.4W x 6.4cmH (0.5 x 2.5 x 2.5"H)



| Cat. No.                                   | Description               | Quantity |
|--|---------------------------|----------|
| <i>Timer range: 99 minutes, 59 seconds</i> |                           |          |
| 06-662-51                                  | Memory reset; 2 oz. (57g) | 1/EA     |

### Fisher Scientific™ Traceable™ Benchtop Timer: 24-Hour

- One timing channel and a single-line display
- Memory recall
- Displays in seconds for last 10 min.
- Timing capacity: 24 hrs.
- Resolution: 1 sec.
- Accuracy: 0.01%
- Display: 0.34 in. H LCD
- Alarm: 1 minute, silenced automatically or manually
- Dimensions: 6.0 dia. x 1.6cm H (2.37 x 0.5")



| Cat. No.                     | Description            | Quantity |
|------------------------------|------------------------|----------|
| <i>Timer range: 24 hours</i> |                        |          |
| 06-662-8                     | LCD display: 0.33 in.H | 1/EA     |

### Fisher Scientific™ Traceable™ Three-Channel Alarm Timer

- Timing Capacity: 10 hours
- Accuracy: 0.001%
- Display: 0.25" H LCD
- Distinct alarm for each channel; one minute
- Alarm can be silenced automatically or manually
- Dimensions: 3.5L x 7.6W x 7.6cmH (1.4 x 3 x 3")



| Cat. No.                     | Description            | Quantity |
|------------------------------|------------------------|----------|
| <i>Timer range: 10 hours</i> |                        |          |
| 06-662-55                    | LCD display: 0.25 in.H | 1/EA     |

### Fisher Scientific™ Traceable™ Three-Channel Alarm Timer with Triple-Line LCD

- Three-line display
- One-second resolution
- Three-channel timing with individual or simultaneous start
- "Thru-zero" function counts down, alarms and counts up
- Counts down and up simultaneously
- Time-out mode
- Memory recall automatically returns to preset time
- Alarm volume is adjustable
- Visual and audible alarm operates for one minute or continuously
- Time-of-day clock with AM/PM indicators
- Four rubber feet keep instrument off wet bench
- LCD is 0.75" H (9.5mm)
- Timing range: 99 hours, 59 minutes, 59 seconds to 1 second
- Stopwatch: 1 second to 99 hours, 59 minutes, 59 seconds



| Cat. No. | Description  | Quantity |
|----------|--|----------|
| 06-662-5 | Timing range: three channel, 99 hr., 59 min., 59 sec. to 1 sec | 1/EA     |

### Fisher Scientific™ Traceable™ Timer Clock: 24-Hour

- Memory recall
- Thru-zero function
- Time-out mode
- Timing capacity: 24 hrs.
- Display: 0.34" H LCD
- Clock has AM/PM indicators
- Alarm: 1 min. audible and visual, silenced automatically or manually
- Dimensions: 5.7L x 5.7W x 1.3cmH (2.25 x 2.25 x 0.5")



| Cat. No.                     | Description            | Quantity |
|------------------------------|------------------------|----------|
| <i>Timer range: 24 hours</i> |                        |          |
| 06-662-16                    | LCD display: 0.33 in.H | 1/EA     |

### Fisher Scientific Traceable Two-Channel Benchtop Timer with Dual-Line LCD

- Timer range: 24 hours to 1 second
- Display: Double-line LCD, each line 1" H
- Resolution: 1 sec.
- Accuracy: 0.01%
- Memory recall
- Distinct alarm for each channel; 1 minute
- Alarm may be silenced automatically or manually
- Dimensions: 1.3L x 9.5W x 14cmH (0.5 x 3.75 x 5.5")
- Net weight: 5 oz. (140g)



| Cat. No.                                 | Description  | Quantity |
|--|--------------|----------|
| <i>Timer range: 24 hours to 1 second</i> |              |          |
| 06-662-48                                | Color: white | 1/EA     |

## Fisherbrand™ Traceable™ Three-Line Alarm Timer

- Memories return the display to the previously programmed time
- May also be used as three stopwatches or in any combination of up/down timing
- Display has a time-of-day clock
- Quartz-crystal timing accuracy is 0.01%
- Digits are 3/8" high
- Chemical-resistant ABS plastic case size: 2 × 3.25 × 0.5"
- Weight: 3 oz.



| Cat. No.  | Description                               | Quantity |
|-----------|---|----------|
| 06-662-46 | Display: triple-line LCD, each 0.375 in.H | 1/EA     |

## Fisherbrand™ Traceable™ Two-Memory Timer

- Accuracy: 0.01%
- Resolution: 1 sec.
- Memory recall
- Timer range: 24 hrs.
- Display: Double-line LCD, each line 0.375 in. (1.0cm) H
- Alarm: Distinct alarm for each channel, 1 minute, silenced automatically or manually
- Easel stand, clip, and magnetic back
- Dimensions: 2.22L × 6.98W × 5.39cmH (0.875 × 2.75 × 2.125")
- Weight: 1.9 oz. (54g)



| Cat. No.                     | Description   | Quantity |
|------------------------------|---------------|----------|
| <i>Timer range: 24 hours</i> |               |          |
| 06-662-44                    | 1.9 oz. (54g) | 1/EA     |

### Stopwatches

## Fisher Scientific™ 100 min. Count Down/Up Timer



| Cat. No. | Description     | Quantity |
|----------|-----------------|----------|
| S01614   | Countdown Timer | 1/EA     |

## Fisher Scientific™ Big-Digit Timer/Stopwatch

- Giant 0.75 in. display for greater readability
- Features include count down, count up (stopwatch), time-out and time of day
- When zero is reached, alarm sounds and timer starts counting up
- All four channels may be used simultaneously in any combination of count down/count up



| Cat. No. | Description               | Quantity |
|----------|---------------------------|----------|
| S407992  | Big-Digit Timer/Stopwatch | 1/EA     |

## Fisher Scientific™ Traceable™ Four-Channel Countdown Alarm Timer/Stopwatches

- Timing capacity: 100 hours
- Accuracy: 0.01%
- "Thru-zero" function counts down, alarms, counts up
- Time-out mode
- Easel stand, lapel clip, hole for lanyard and magnetic back
- Alarm can be silenced automatically or manually



14-649-17

### Cat. No. 14-649-17:

- Memory recall
- Dimensions: 6.35L × 6.03W × 1.27cmH (2.50 × 2.375 × 0.5")

### Cat. No. 06-662-9:

- Dimensions: 6.98L × 6.03W × 1.58cmH (2.75 × 2.375 × 0.625")
- Time-of-day clock feature



06-662-9

| Cat. No.  | Description                                   | Quantity |
|-----------|---|----------|
| 14-649-17 | Timer range: 100 hours; With Memory Recall    | 1/EA     |
| 06-662-9  | Timer range: 100 hours; Without Memory Recall | 1/EA     |

### Urine Analyzers

#### Urine Analyzers [Automated]

## Fisherbrand™ AimStrip™ Urine Analyzer

- Output: 60 tests per hour in single mode, 120 tests per hour in continuous mode
- Reads Fisherbrand™ 10-SG and AimStrip US-40B Urine Reagent Strips
- Automatic calibration and self check
- CLIA waived
- Large LCD display
- Memory for up to 2000 patients
- Will print on thermal paper or easy peel-and-stick paper
- Optional bar code reader
- LIS and EMR compatible
- RS-232 and USB connectivity
- Languages include English, Spanish and Portuguese



| Cat. No.   | Description             | Quantity |
|------------|-------------------------|----------|
| 23-111-267 | AimStrip Urine Analyzer | 1/EA     |

## Chemicals

## Acids

## Acetic Acid

## Acetic Acid, Glacial

Certified ACS



| Quantity | Packaging                   | Cat. No.  |
|----------|-----------------------------|-----------|
| 500mL    | Glass                       | A38-500   |
| 500mL    | Glass/Safe-Cote™            | A38S-500  |
| 2.5L     | Glass                       | A38-212   |
| 2.5L     | Glass/Safe-Cote™            | A38S-212  |
| 2.5L     | Glass/Safe-Cote™ Individual | A38SI-212 |
| 6 × 2.5L | Glass                       | A38C-212  |
| 20L      | Poly Drum                   | A38P-20   |
| 450 lb.  | Poly Drum                   | A38-450LB |

Assay: ≥99.7% w/w; C<sub>2</sub>H<sub>4</sub>O<sub>2</sub>; CH<sub>3</sub>COOH; **FW**. 60.05;  
**CAS** [64-19-7]; **Melting Point**: 16° to 16.5°C (60.8° to 61.7°F);  
**Flash Point**: 40°C;  
**Boiling Point**: 117° to 118°C (242.6° to 244.4°F);  
**Density**: 2.10 (Air = 1.0); **DOT Class 8**: Corrosive; **UN**: 2789

ACID



## Boric Acid

## Boric Acid

Certified ACS



| Quantity | Packaging   | Cat. No. |
|----------|-------------|----------|
| 500g     | Poly Bottle | A74-500  |
| 1kg      | Poly Bottle | A74-1    |
| 3kg      | Poly Pail   | A74-3    |
| 10kg     | Poly Pail   | A74-10   |

Powder; ≥99.5 %; Orthoboric Acid, Borofax; H<sub>3</sub>BO<sub>3</sub>;  
**FW**. 61.83; **CAS** [10043-35-3]; **Melting Point**: 169°C; **Density**: 1.44g/mL;



## Hydrochloric Acid

## Hydrochloric Acid Concentrate, 1N

Certified



| Quantity | Packaging    | Cat. No. |
|----------|--------------|----------|
| 100mL    | Glass Bottle | SA55     |

Concentrate; Muriatic Acid; HCl; **CAS** [7647-01-0, 7732-18-5];  
**Melting Point**: -17°C; **Boiling Point**: 81.5° to 110°C;  
**Density**: 1.16g/mL; **DOT Class 8**: Corrosive;  
**UN**: 1789; 0.0990 to 0.1010N

Each bottle contains exact amount of 1N concentrate required to make 1 liter of 0.1N (N/10) solution.

ACID



## Nitric Acid

## Nitric Acid

Optima



| Quantity | Packaging  | Cat. No. |
|----------|------------|----------|
| 250mL    | FEP bottle | A467-250 |
| 500mL    | FEP bottle | A467-500 |
| 1L       | FEP bottle | A467-1   |
| 2L       | FEP bottle | A467-2   |

Liquid; Azotic acid, Engraver's acid; HNO<sub>3</sub>; **FW**. 63.01;  
**CAS** [7697-37-2]; **Melting Point**: -41°C (-41.8°F);

**Boiling Point**: 120.5°C (248.°F);

**DOT Class 8**: Corrosive; **UN**: 2031;

Certificate of Lot Analysis is included with each bottle.; Colorless to light yellow;  
Ideal for analysis by ICP-MS and high-resolution ICP-MS

Evaluated for 65 metals at low-level ppt concentrations. Manufactured, purified,  
and packaged in a Class 1000 clean room.

Packaged in specially cleaned Teflon FEP for PFA bottles to maintain product  
integrity and to eliminate metal leaching from glass bottles.

3 year shelf life from time of manufacture - available on COA.

**Applications**: Trace metal analysis, preparing calibration solutions, sample  
digestion, and instrument or glassware pre-rinsing/cleaning.

ACID



## Nitric Acid

TraceMetal



| Quantity | Packaging   | Cat. No.  |
|----------|-------------|-----------|
| 500mL    | HDPE bottle | A509-P500 |
| 2.5L     | HDPE bottle | A509-P212 |

HNO<sub>3</sub>; **FW**. 63.01; **CAS** [7697-37-2]; **DOT Class 8**: Corrosive;

**UN**: 2031; Certificate of Lot Analysis included with each

shipment; Colorless to Light yellow;

Ideal for analysis by IC, GF or Flame AA, ICP-OES and ICP-MS

Evaluated for 65 metals at < 1 ppb concentrations. Manufactured, purified, and  
packaged in a Class 1000 clean room.

Packaged in non-breakable polypropylene bottles to maintain product integrity  
and to eliminate metal leaching from glass bottles.

3 year shelf life from time of manufacture - available on COA. 45 mm bottle neck  
size.

**Applications**: Trace metal analysis, preparing calibration solutions, sample  
digestion, and instrument or glassware pre-rinsing/cleaning.

ACID



## Sulfuric Acid

## Sulfuric Acid Solution, 1N

Certified



| Quantity | Packaging   | Cat. No. |
|----------|-------------|----------|
| 1L       | Poly Bottle | SA212-1  |

**CAS** [7664-93-9, 7732-18-5]; **Density**: >1.0;

**DOT Class 8**: Corrosive; **UN**: 2796; 0.995 to 1.005N;

**Instability**: 1; 1N; Soluble in water;

Standardized to pH 4.4 at 25°C against sodium hydroxide that  
has been standardized against NIST™ potassium acid phthalate.

ACID



## Amino Acids

## L(+)-Asparagine monohydrate



| Quantity | Packaging      | Cat. No.     |
|----------|----------------|--------------|
| 100g     | Glass bottle   | AC17527-1000 |
| 250g     | Glass bottle   | AC17527-2500 |
| 1kg      | Glass bottle   | AC17527-0010 |
| 5kg      | Plastic bottle | AC17527-0050 |

White Crystalline Powder; 99%; L-2-Aminosuccinamic acid;

C<sub>4</sub>H<sub>8</sub>N<sub>2</sub>O<sub>3</sub>·H<sub>2</sub>O; H<sub>2</sub>NCOCH<sub>2</sub>CH(NH<sub>2</sub>)CO<sub>2</sub>H·H<sub>2</sub>O;

**FW**. 150.14; **CAS** [5794-13-8]; **Melting Point**: 233.0°C to 235.0°C;

Solubility in water: 30g/L water (20°C). Other solubilities: soluble in acids and  
alkalies, practically insoluble in methanol, ethanol, ether, and benzene

Glycine Certified

| F | Quantity | Packaging    | Cat. No. |
|---|----------|--------------|----------|
|   | 500g     | Glass Bottle | G46-500  |
|   | 1kg      | Poly Bottle  | G46-1    |

Crystalline; Aminoacetic Acid, Aminoethanoic Acid, Gyn-Hydralin;  $C_2H_5NO_2$ ;  $NH_2CH_2COOH$ ; **FW.** 75.07; **CAS** [56-40-6]; **Melting Point:** 182° to 236°C/359.6° to 456.8°F; **Density:** 1.16g/mL

ChemAlert®  
Storage Code  
GRAY

## Antibiotics

## Amphotericin B

| F | Quantity | Packaging   | Cat. No.  |
|---|----------|-------------|-----------|
|   | 250mg    | Amber Glass | BP928-250 |

Yellow Powder;  $C_{47}H_{73}NO_{17}$ ; **FW.** 924.09; **CAS** [1397-89-3]; **Melting Point:** >170°C; **Recommended Storage:** -20°C; **Application:** Solubility in water: insoluble; Not on TSCA inventory: for R and D use only; not for manufacturing or commercial purposes.

ChemAlert®  
Storage Code  
GRAY

## Carbenicillin

| F | Quantity | Packaging   | Cat. No. |
|---|----------|-------------|----------|
|   | 5g       | Amber Glass | BP2648-5 |

White Powder; ≥92 %; β-Carboxybenzylpenicillin;  $C_{17}H_{18}N_2Na_2O_6S$ ; **FW.** 422.4; **CAS** [4800-94-6]; **Recommended Storage:** 0° to 5°C; **Application:** **WARNING!** Used for the selection of ampicillin-resistant transformed cells. Potency: ≥770mcg/mg.

ChemAlert®  
Storage Code  
GRAY

## Polymixin B Sulfate

| F | Quantity | Packaging   | Cat. No. |
|---|----------|-------------|----------|
|   | 1g       | Amber Glass | BP2954-1 |

Dry, White or off-White Powder;  $C_{55}H_{96}N_{16}O_{13} \cdot 2H_2SO_4$ ; **FW.** 1385.61; **CAS** [1405-20-5] Interferes with cytoplasmic membrane.

ChemAlert®  
Storage Code  
GRAY

## Rifampicin

| F | Quantity | Packaging   | Cat. No.   |
|---|----------|-------------|------------|
|   | 250mg    | Amber Glass | BP2679-250 |
|   | 1g       | Amber Glass | BP2679-1   |
|   | 5g       | Amber Glass | BP2679-5   |
|   | 25g      | Amber Glass | BP2679-25  |

Bright Orange Powder; 97%; Rifampin;  $C_{43}H_{58}N_4O_{12}$ ; **FW.** 822.96; **CAS** [13292-46-1]; **Recommended Storage:** 4°C; Solubility in water: slight; Not on TSCA inventory: for R and D use only; not for manufacturing or commercial purposes.

ChemAlert®  
Storage Code  
GRAY

## Trimethoprim

| MP | Quantity | Packaging    | Cat. No.    |
|----|----------|--------------|-------------|
|    | 1g       | Glass Bottle | ICN19552701 |
|    | 5g       | Glass Bottle | ICN19552705 |
|    | 25g      | Glass Bottle | ICN19552725 |
|    | 100g     | Glass Bottle | ICN19552780 |

White Powder; 0.998; 2,4-Diamino-5-CAS [3,4,5-trimethoxy-benzyl]pyrimidine;  $C_{14}H_{18}N_4O_3$ ; **FW.** 290.3; **CAS** [738-70-5]; **Melting Point:** 196° to 206°C

## Buffers

## Life Science Buffers

## Sodium Chloride-Tris-EDTA Buffer

| F | Quantity | Packaging           | Cat. No. |
|---|----------|---------------------|----------|
|   | 1L       | Nalgene Poly Bottle | BP2478-1 |

Saline Tris-EDTA, STE; **CAS** [7647-14-5, 60-00-4, 7647-01-0, 7732-18-5]; **Recommended Storage:** RT; Filtered through a 5-micron filter; 1X, pH 8.0; 7.9 to 8.1 (at 25°C); 1X solution contains 10mM Tris-HCl, 1mM EDTA and 100mM NaCl. Autoclaved.

Tris-EDTA Molecular Biology Grade

| F | Quantity | Packaging           | Cat. No.   |
|---|----------|---------------------|------------|
|   | 100mL    | Poly Bottle         | BP2476-100 |
|   | 500mL    | Poly Bottle         | BP2476-500 |
|   | 1L       | Nalgene Poly Bottle | BP2476-1   |

TE; **CAS** [77-86-1, 60-00-4, 7647-01-0, 7732-18-5]; **Recommended Storage:** RT; Filtered through a 5-micron filter; 1X Solution, pH 7.4; 7.3 to 7.5 (1X solution); 10mM Tris and 1mM EDTA.

ChemAlert®  
Storage Code  
GRAY

## pH Reference Buffers

Buffer Solution, pH 10.00, Color-Coded Blue Certified

| F | Quantity | Packaging   | Cat. No.  |
|---|----------|-------------|-----------|
|   | 500mL    | Poly Bottle | SB115-500 |
|   | 4L       | Poly Bottle | SB115-4   |
|   | 20L      | PolyPac™    | SB115-20  |

**CAS** [7732-18-5, 6381-92-6, 584-08-7, 1332-77-0, 1310-58-3]; **Melting Point:** 0°C (32°F); **Density:** 1.01g/mL; Traceable to NIST; 9.98 to 10.02 (at 25°C); Soluble in water Potassium Carbonate/Potassium Tetraborate/ Potassium Hydroxide/ Disodium EDTA Dihydrate. pH/temperature conversions given on label.

ChemAlert®  
Storage Code  
GRAY

Buffer Solution, pH 4.00, Color-Coded Red Certified

| F | Quantity | Packaging   | Cat. No.  |
|---|----------|-------------|-----------|
|   | 500mL    | Poly Bottle | SB101-500 |
|   | 4L       | Poly Bottle | SB101-4   |
|   | 20L      | PolyPac™    | SB101-20  |

**CAS** [50-00-0, 67-56-1, 877-24-7, 7732-18-5, 16423-68-0]; **Melting Point:** 0°C (32°F); **Density:** 0.7 (Water = 1.0); Traceable to NIST; 3.99 to 4.01 (at 25°C); Soluble in water; pH/temperature conversions given on label.

ChemAlert®  
Storage Code  
GRAY

Buffer Solution, pH 7.00, Color-Coded Yellow Certified

| F | Quantity | Packaging   | Cat. No.  |
|---|----------|-------------|-----------|
|   | 500mL    | Poly Bottle | SB107-500 |
|   | 4L       | Poly Bottle | SB107-4   |
|   | 20L      | PolyPac™    | SB107-20  |

**CAS** [7778-77-0, 1310-73-2, 7732-18-5, 1934-21-0]; **Melting Point:** 0°C (32°F); **Density:** 1g/mL; Traceable to NIST; 6.99 to 7.01 (at 25°C); Soluble in water; Potassium Phosphate Monobasic/Sodium Hydroxide. pH/temperature conversions given on label.

ChemAlert®  
Storage Code  
GRAY

## Electrochemistry Standards and Solutions [TS]

Thermo Scientific™  
Orion™ pH Electrode  
Storage Solution

| Cat. No.   | Description  | Quantity |
|------------|--|----------|
| 13-641-908 | pH Electrode Storage Solution, 1 pint (475mL) Bottle | 1/EA     |

## Caustics

## Ammonium Hydroxide

| F | Ammonium Hydroxide |                   | Certified ACS Plus |
|---|--------------------|-------------------|--------------------|
|   | Quantity           | Packaging         | Cat. No.           |
|   | 2.5L               | Glass             | A669-212           |
|   | 500mL              | Glass             | A669-500           |
|   | 6 × 2.5L           | Glass             | A669C-212          |
|   | 6 × 2.5L           | Glass, Safe-Cote™ | A669S-212          |
|   | 500mL              | Glass, Safe-Cote™ | A669S-500          |
|   | 385 lb.            | Poly Drum         | A669-385LB         |

Assay: 28.0 to 30.0 w/w %; Aqueous Ammonia; NH<sub>4</sub>OH;  
NH<sub>4</sub>OH; **FW**: 35.05; **CAS** [7664-41-7, 7732-18-5];  
**Melting Point**: -69°C (-92.2°F); **Boiling Point**: 27°C (80.6°F);  
**Density**: 0.89g/mL; **DOT Class 8**: Corrosive;  
**UN**: 2672; about 14.8N



## Sodium Hydroxide

| F | Sodium Hydroxide |             | Certified ACS |
|---|------------------|-------------|---------------|
|   | Quantity         | Packaging   | Cat. No.      |
|   | 100g             | Poly Bottle | S318-100      |
|   | 500g             | Poly Bottle | S318-500      |
|   | 1kg              | Poly Bottle | S318-1        |
|   | 3kg              | Poly Bottle | S318-3        |
|   | 5kg              | Poly Pail   | S318-5        |
|   | 10kg             | Poly Pail   | S318-10       |
|   | 50kg             | Fiber Drum  | S318-50       |

Pellets; ≥97.0 %; Caustic Soda; NaOH; **FW**: 40;  
**CAS** [1310-73-2, 497-19-8]; **Melting Point**: 318°C;  
**Boiling Point**: 1390°C; **Density**: 2.13g/mL;  
**DOT Class 8**: Corrosive; **UN**: 1823; **DANGER!**



## Sodium Hydroxide Solution, 2N

| F | Sodium Hydroxide Solution, 2N |             | Certified |
|---|-------------------------------|-------------|-----------|
|   | Quantity                      | Packaging   | Cat. No.  |
|   | 1L                            | Poly Bottle | SS264-1   |

Caustic Soda Solution; NaOH; **CAS** [1310-73-2, 7732-18-5];  
**Melting Point**: 0°C (32°F); **Density**: 1g/mL;  
**DOT Class 8**: Corrosive; **UN**: 1824; 1.98 to 2.02; 2N;  
A volumetric standard solution, titrated at 25°C to pH 8.6  
(phenolphthalein endpoint) against NIST™ potassium acid phthalate.



## Complex Organics

## Acetp to AcetylI [Organics]

## N-Acetyl-L-cysteine

| ACRÖS ORGANICS | Quantity | Packaging    | Cat. No.     |
|----------------|----------|--------------|--------------|
|                | 25g      | Glass bottle | AC16028-0250 |
|                | 50g      | Glass bottle | AC16028-0500 |
|                | 250g     | Glass bottle | AC16028-2500 |
|                | 1kg      | Glass bottle | AC16028-0010 |

White Crystals or Crystalline Powder; 98%;  
L-β-Acetamido-β-mercaptopropionic acid, Mercapturic acid; C<sub>5</sub>H<sub>9</sub>NO<sub>3</sub>S;  
HSCH<sub>2</sub>CH(NHCOCH<sub>3</sub>)CO<sub>2</sub>H; **FW**: 163.19; **Melting Point**: 109.0°C to 111.0°C;  
Solubility in water: Soluble

## Buten to Butylbenzi [Organics]

## n-Butyl Chloride

HPLC Grade

| F | n-Butyl Chloride |                         | HPLC Grade |
|---|------------------|-------------------------|------------|
|   | Quantity         | Packaging               | Cat. No.   |
|   | 4L               | Amber Glass             | B429-4     |
|   | 4L               | Amber Glass, Safe-Cote™ | B429SK-4   |

Mobile phase for HPLC applications.; Assay: 99% min by GC;  
1-Chlorobutane, n-Propylcarbonyl Chloride; C<sub>4</sub>H<sub>9</sub>Cl; CH<sub>3</sub>(CH<sub>2</sub>)<sub>3</sub>Cl;  
**FW**: 92.57; **CAS** [109-69-3]; **Melting Point**: -123°C (-189.4°F);  
**Flash Point**: -12°C; **Boiling Point**: 79°C (174.2°F);  
**Density**: 3.19 (Air = 1.0); **DOT Class 3**: Flammable Liquid; **UN**: 1127; **DANGER!**  
1.3985 to 1.4015; Solubility in water: insoluble;  
HPLC mobile phase for analytical and preparative separations.  
High UV transmittance and low evaporation residue.  
Filtered through a sub-micron filter to remove particulates.



## Dimethylaminob to Dimethylaz [Organics]

## 4-Dimethylaminocinnamaldehyde

| ACRÖS ORGANICS | Quantity | Packaging    | Cat. No.    |
|----------------|----------|--------------|-------------|
|                | 5g       | Glass bottle | AC115790050 |
|                | 25g      | Glass bottle | AC115790250 |

Yellow to Orange Powder; 98%; C<sub>11</sub>H<sub>13</sub>NO; (CH<sub>3</sub>)<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>CH=CHCHO;  
**FW**: 175.23; **CAS** [6203-18-5]; **Melting Point**: 137.0°C to 142.0°C

## p-Dimethylaminobenzaldehyde

Certified ACS

| F | p-Dimethylaminobenzaldehyde |              | Certified ACS |
|---|-----------------------------|--------------|---------------|
|   | Quantity                    | Packaging    | Cat. No.      |
|   | 25g                         | Glass Bottle | D71-25        |
|   | 100g                        | Glass Bottle | D71-100       |

Crystalline Powder; Ehrlich's Reagent,  
4-Dimethylaminobenzene-carbonyl; C<sub>9</sub>H<sub>11</sub>NO; (CH<sub>3</sub>)<sub>2</sub>NC<sub>6</sub>H<sub>4</sub>CHO;  
**FW**: 149.19; **CAS** [100-10-7]; **Melting Point**: 70° to 75°C/158° to 167°F;  
**Flash Point**: 164°C; **Boiling Point**: 176° to 177°C at 17 mmHg;  
**Density**: 5.15



## E1 to Ethoxyb [Organics]

## Ethambutol Hydrochloride

| MP | Ethambutol Hydrochloride |              | Cat. No.    |
|----|--------------------------|--------------|-------------|
|    | Quantity                 | Packaging    | Cat. No.    |
|    | 25g                      | Glass Bottle | ICN15794925 |
|    | 100g                     | Glass Bottle | ICN15794980 |

Crystalline Powder; Dexambutol, Etambutol; C<sub>10</sub>H<sub>24</sub>N<sub>2</sub>O<sub>2</sub> · 2HCl; **FW**: 277.2;  
**CAS** [1070-11-7]; **Melting Point**: 197 to 202°C;  
**Recommended Storage**: Store at room temperature (15° to 30°C);  
Pharmaceutical; Soluble in water (50mg/mL clear, colorless solution) and DMSO,  
sparingly soluble in ethanol, almost insoluble in acetone or chloroform.

Ethambutol dihydrochloride is bacteriostatic/antibacterial agent against actively  
growing *TB bacilli*.

## Fluorocyclo to Fluoronitrobenze [Organics]

## 5-Fluorocytosine

| ACRÖS ORGANICS | Quantity | Packaging    | Cat. No.     |
|----------------|----------|--------------|--------------|
|                | 250mg    | Glass Bottle | AC25834-2500 |
|                | 1g       | Glass Bottle | AC25834-0010 |
|                | 5g       | Glass Bottle | AC25834-0050 |

White to Almost White Crystalline Powder; 99+%;  $C_4H_4FN_3O$ ;  
**FW.** 129.09; **Melting Point:** 296.0°C; Solubility in water: 15g/L (25°C)

## G1 to Glycero [Organics]

## Glycerol

Certified ACS

| F | Quantity | Packaging    | Cat. No. |
|---|----------|--------------|----------|
|   | 500mL    | Glass Bottle | G33-500  |
|   | 1L       | Glass Bottle | G33-1    |
|   | 4L       | Glass Bottle | G33-4    |
|   | 20L      | Poly Pail    | G33-20   |
|   | 200L     | Poly Drum    | G33-200  |

≥99.5 %; Glycerin, 1,2,3-Propanetriol;  $C_3H_8O_3$ ;  $HOCH_2CH(OH)CH_2OH$ ;  
**FW.** 92.09; **CAS** [56-81-5]; **Melting Point:** 18°C (64°F); **Flash Point:** 160°C;  
**Boiling Point:** 290°C/554°F; **Density:** 3.17 (Water = 1.0);  
 Solubility in water: miscible

ChemAlert®  
Storage Code  
GRAY

## Glycerol

Molecular Biology Grade

| F | Quantity | Packaging    | Cat. No. |
|---|----------|--------------|----------|
|   | 1L       | Glass Bottle | BP229-1  |
|   | 4L       | Glass Bottle | BP229-4  |

Clear colorless liquid; DNase-, RNase- and Protease-Free; ≥99.5 %;  
 Glycerin;  $C_3H_8O_3$ ;  $HOCH_2CH(OH)CH_2OH$ ; **FW.** 92.09; **CAS** [56-81-5];  
**Melting Point:** 20°C; **Flash Point:** 160°C; **Boiling Point:** 290°C;  
**Density:** 3.17 (Water = 1.0); **Recommended Storage:** RT; Clear;  
 Solubility in water: miscible;  
 For low-temperature storage of enzymes and bacterial cultures.

ChemAlert®  
Storage Code  
GRAY

## Glycerol Gel-Loading Dye, 5X

Molecular Biology

| F | Quantity | Packaging   | Cat. No. |
|---|----------|-------------|----------|
|   | 1mL      | Poly Tube   | BP645-1  |
|   | 5mL      | Poly Bottle | BP645-5  |

**CAS** [56-81-5, 7732-18-5]; **Recommended Storage:** RT;  
 Glycerol (30%), Proprietary Components (<6%), and Water;  
 Contains 30% Glycerol

ChemAlert®  
Storage Code  
GRAY

## Isa to Isopropylamin [Organics]

## Isonicotinic acid hydrazide

| ACRÖS ORGANICS | Quantity | Packaging      | Cat. No.     |
|----------------|----------|----------------|--------------|
|                | 5g       | Glass Bottle   | AC12260-0050 |
|                | 100g     | Plastic bottle | AC12260-1000 |
|                | 500g     | Plastic bottle | AC12260-5000 |

Colorless or White Crystals or Crystalline Powder; 99%;  
 Isoniazid, INAH;  $C_6H_7N_3O$ ; **FW.** 137.14; **CAS** [54-85-3];  
**Melting Point:** 171.0°C to 173.0°C

## N1 to Naphthyla [Organics]

## Nalidixic Acid

| F | Quantity | Packaging   | Cat. No. |
|---|----------|-------------|----------|
|   | 25g      | Poly Bottle | BP908-25 |

≥98 %; Nalidixic Acid;  $C_{12}H_{12}N_2O_3$ ; **FW.** 232.24; **CAS** [389-08-2];  
**Melting Point:** 225° to 231°C;

**Recommended Storage:** RT;  
 Not on TSCA inventory: for R and D use only;  
 not for manufacturing or commercial purposes.

ChemAlert®  
Storage Code  
GRAY

## Ng to Nitrobenze [Organics]

## Nicotinamide

| ACRÖS ORGANICS | Quantity | Packaging      | Cat. No.     |
|----------------|----------|----------------|--------------|
|                | 100g     | Plastic bottle | AC12827-1000 |
|                | 500g     | Plastic bottle | AC12827-5000 |
|                | 2.5kg    | Plastic bottle | AC12827-0025 |

White or Almost White Crystalline Powder; 99%;  
 3-Pyridinecarboxamide, Niacinamide;  $C_6H_6N_2O$ ;  
**FW.** 122.13; **CAS** [98-92-0]; **Melting Point:** 128.0°C to 131.0°C;  
**Flash Point:** 182°C; **Boiling Point:** 150.0°C to 160.0°C

## Octyn to Oz [Organics]

## Oleic acid

| ACRÖS ORGANICS | Quantity | Packaging    | Cat. No.     |
|----------------|----------|--------------|--------------|
|                | 5g       | Glass Bottle | AC27029-0050 |
|                | 25g      | Glass Bottle | AC27029-0250 |
|                | 100g     | Glass Bottle | AC27029-1000 |

Clear Colorless Liquid; 97%; cis-9-Octadecenoic acid;  $C_{18}H_{34}O_2$ ;  
 $CH_3(CH_2)7CH=CH(CH_2)7COOH$ ; **FW.** 282.46; **Melting Point:** 13.0°C;  
**Flash Point:** 189°C; **Boiling Point:** 360.0°C; **Density:** 0.8900g/mL

## Perfluoros to Phenoxyd [Organics]

## Phenol

Certified ACS

| F | Quantity | Packaging               | Cat. No. |
|---|----------|-------------------------|----------|
|   | 100g     | Amber Glass/Poison Pack | A92-100  |
|   | 500g     | Amber Glass/Poison Pack | A92-500  |
|   | 1.5kg    | Amber Glass/Poison Pack | A92-112  |

Crystalline; ≥99.0 %; Carboic Acid, Phenyl Hydroxide, Hydroxybenzene;  
 $C_6H_5OH$ ;  $C_6H_5OH$ ; **FW.** 94.11; **CAS** [108-95-2];  
**Melting Point:** 39° to 42°C/102.2° to 107.6°F; **Flash Point:** 79°C;  
**Boiling Point:** 90.2°C at 25mmHg; **Density:** 3.2; **DOT Class** 6.1: Poison;  
**UN:** 1671; **DANGER!**

ChemAlert®  
Storage Code  
WHITE

## Sodiumci to Stat [Organics]

## Sodium Citrate Dihydrate

| F | Quantity | Packaging   | Cat. No.   |
|---|----------|-------------|------------|
|   | 500g     | Poly Bottle | S279-500   |
|   | 3kg      | Poly Bottle | S279-3     |
|   | 10kg     | Poly Pail   | S279-10    |
|   | 50kg     | Fiber Drum  | S279-50    |
|   | 275 lb.  | Fiber Drum  | S279-275LB |

Granular; Citric Acid Trisodium Salt Dihydrate;  $Na_3C_6H_5O_7 \cdot 2H_2O$ ;  
**FW.** 294.1; **CAS** [6132-04-3]; **Melting Point:** 313.9°C; **Density:** 1.67g/mL;  
 Soluble in water

ChemAlert®  
Storage Code  
GRAY

## Sodium Pyruvate



| Quantity | Packaging    | Cat. No.  |
|----------|--------------|-----------|
| 100g     | Glass Bottle | BP356-100 |

White Powder; ≥99 %; Pyruvic Acid, Sodium Salt;  $C_3H_3NaO_3$ ;  $CH_3COCO_2Na$ ; **FW.** 110.04; **CAS** [113-24-6];  
**Melting Point:** 300°C (572°F); **Recommended Storage:** RT



## Tetrak to Tetraphenylb [Organics]

## N,N,N',N'-Tetramethyl-p-phenylenediamine dihydrochloride



| Quantity | Packaging    | Cat. No.     |
|----------|--------------|--------------|
| 5g       | Glass Bottle | AC42060-0050 |
| 25g      | Glass Bottle | AC42060-0250 |
| 100g     | Glass Bottle | AC42060-1000 |

Light Beige to Light Gray Crystalline Powder; 99%;  
 $C_{16}H_{16}N_2 \cdot 2HCl$ ;  $C_6H_4[N(CH_3)_2]_2 \cdot 2HCl$ ; **FW.** 237.17;  
**Melting Point:** 220.0°C to 224.0°C; **UN:** 2811

## Dyes and Stains and Indicators

## Stains and Dyes and Indicators [Blue]

## Azur eosin methylene-blue

Pure



| Quantity | Packaging    | Cat. No.     |
|----------|--------------|--------------|
| 100mL    | Glass bottle | AC29559-1000 |
| 500mL    | Glass bottle | AC29559-5000 |

Dark Blue Solution; **CAS** [51811-82-6, 67-56-1]; **Density:** 0.9900g/mL; **UN:** 1992

## Evans Blue

Certified



| Quantity | Packaging    | Cat. No. |
|----------|--------------|----------|
| 25g      | Glass Bottle | E515-25  |

Azovan blue;  $C_{31}H_{24}N_6O_{14}S_4Na_4$ ; **FW.** 960.83; **CAS** [314-13-6]; **C.I.** 23860



## Methylene Blue Reagent, Surfactant Analysis



| Quantity | Packaging    | Cat. No. |
|----------|--------------|----------|
| 500mL    | Poly natural | 4900-16  |
| 1L       | Poly natural | 4900-32  |

Deep Blue Colored Liquid; 7220-79-3 (Methylene Blue), 7664-93-9 (Sulfuric Acid), 10049-21-5 (Sodium phosphate, monobasic monohydrate), 7732-18-5 (Water, Deionized); Surfactants

## Stains and Dyes and Indicators [Red]

## Fuchsin Basic

Certified Biological Stain



| Quantity | Packaging    | Cat. No. |
|----------|--------------|----------|
| 10g      | Glass Bottle | F98-10   |

Fusion Basic; Magenta, Pararosaniline;  $C_{20}H_{20}ClN_3$ ; **CAS** [632-99-5];  
**Melting Point:** 250°C; **Flash Point:** 200°C; **C.I.** 42510;  
Solubility in water: insoluble;  
For use in histology, Feulgen reactions, and bacteriology (staining and in media).



## Neutral Red

Certified Biological Stain



| Quantity | Packaging    | Cat. No. |
|----------|--------------|----------|
| 25g      | Glass Bottle | N-12925  |

Basic Red 5, Toluylene Red;  $C_{18}H_{17}ClN_4$ ; **FW.** 288.78; **CAS** [553-24-2];  
**Melting Point:** 290.00°C; **C.I.** 50040;  
For use in histology and vital blood staining.



## Stains and Dyes and Indicators [Tertiary Colors]

## Auramine O

Certified Biological Stain



| Quantity | Packaging    | Cat. No. |
|----------|--------------|----------|
| 25g      | Glass Bottle | A968-25  |

Basic Yellow 2;  $C_{17}H_{21}N_3HC$ ; **FW.** 303.84; **CAS** [2465-27-2]; **Melting Point:** 267.22°C;  
**DOT Class 9:** Environmental Hazard; **UN:** 3077; **C.I.** 41000



## Electrophoresis Gel Materials

## Agarose

Molecular Biology Grade



| Quantity | Packaging   | Cat. No. |
|----------|-------------|----------|
| 25g      | Poly Bottle | BP165-25 |

DNase- and RNase-Free;  $C_{12}H_{18}O_6$ ; **FW.** 306.12; **CAS** [9012-36-6];  
**Density:** 1.7g/mL; **Recommended Storage:** RT;  
Low-Melting, Nucleic Acid Recovery;  
Original low melting temperature agarose for separation of nucleic acids from 200 bp to 25kb. Preparative DNA and RNA electrophoresis. Ideally suited for DNA and RNA recovery. Cloning of tissue culture cells and viral plaque assays.  
For nucleic acid separation (200 bp to 25kb)  
Gel Strength: >200g/cm<sup>2</sup>. EEO (-Mr): <0.1  
Gelation Temperature: 26° to 30°C  
Moisture Content: <10%



## Histology Reagent[s]

## Histology Reagents

## 2-Propanol, Fisherbrand™, HistoPrep™

| Quantity       | Packaging   | Cat. No.    |
|----------------|-------------|-------------|
| 3.79L (1 gal.) | Poly Bottle | HC-500-1GAL |

Clear Colorless Liquid; 100%;  $C_3H_8O$ ; **FW.** 60.05; **CAS** [67-63-0];  
**Melting Point:** -88°C (-126.4°F); **Flash Point:** 12°C (53.6°F);  
**Boiling Point:** 82°C (179.6°F) at 760mm Hg



## Acetone Purified, Fisherbrand™, HistoPrep™

| Quantity       | Packaging   | Cat. No.    |
|----------------|-------------|-------------|
| 1 gal. (3.79L) | Poly Bottle | HC-300-1GAL |

Liquid; Assay: 99-100%; **CAS** [67-64-1]; **Melting Point:** -95°C (-140°F);  
**Flash Point:** -20°C; **Boiling Point:** 56°C (133°F)



## Alcohol 100%, Fisherbrand™, HistoPrep™

| Quantity       | Packaging   | Cat. No.    |
|----------------|-------------|-------------|
| 1 gal. (3.79L) | Poly Bottle | HC-800-1GAL |

Liquid; **CAS** [67-63-0, 64-17-5, 67-56-1]; **Melting Point:** -114.1°C (-173.4°F); **Flash Point:** 12.8° to 14.4°C (55° to 57.9°F); **Boiling Point:** 78.5°C (173.3°F)



## Alcohol, 70%, Fisherbrand™, HistoPrep™

| Quantity       | Packaging   | Cat. No.    |
|----------------|-------------|-------------|
| 1 gal. (3.79L) | Poly Bottle | HC-1000-1GL |

Liquid; **CAS** [64-17-5, 67-56-1, 67-63-0, 7732-18-5]; **Flash Point:** 21°C; **Boiling Point:** 72° to 96°C (161.6° to 204.8°F)



## Alcohol, 80%, Fisherbrand™, HistoPrep™

| Quantity       | Packaging   | Cat. No. |
|----------------|-------------|----------|
| 1 gal. (3.79L) | Poly Bottle | HC-1200  |

Liquid; **CAS** [64-17-5, 7732-18-5, 67-56-1, 67-63-0]; **Flash Point:** 55° to 58°F; **Boiling Point:** 64° to 83°C (147.2° to 181.4°F)



## Fisherbrand™ CitriSolv™ Clearing Agent

| Quantity | Packaging   | Cat. No.   |
|----------|-------------|------------|
| 1 gal.   | Poly Bottle | 22-143-975 |

Agent, Clearing; Fisherbrand; CitriSolv; Biodegradable; 1 gal.; Xylene substitute; **CAS** [5989-27-5]; (d-Limonene)



## Fisher Scientific™ Protocol Decalcifying Solution

| Quantity | Packaging   | Cat. No.   |
|----------|-------------|------------|
| 1L       | Poly Bottle | 23-245-682 |
| 4L       | Poly Bottle | 23-245-683 |

- Hydrochloric acid solution for rapid decalcification of bone
- Compatible with hematoxylin and eosin staining procedures



## Denatured Alcohol, 95%, Fisherbrand™, HistoPrep™

| Quantity       | Packaging   | Cat. No.    |
|----------------|-------------|-------------|
| 1 gal. (3.79L) | Poly Bottle | HC-1100-1GL |

Liquid; Denatured Ethyl Alcohol; **CAS** [67-63-0, 64-17-5, 67-56-1, 7732-18-5]; **Melting Point:** -114.1°C (-173.4°F); **Flash Point:** 17.2°C (63°F); **Boiling Point:** 78.5°C (173.3°F)



## Formalin, Buffered, 10%

Certified



| Quantity | Packaging   | Cat. No.  |
|----------|-------------|-----------|
| 4L       | Poly Bottle | SF100-4   |
| 200L     | Poly Drum   | SF100-200 |
| 20L      | PolyPac™    | SF100-20  |

Specially filtered for use in tissue processors.; Assay: 4 to 5% w/w; **CAS** [50-00-0, 67-56-1, 7558-79-4, 10049-21-5, 7732-18-5];

**Melting Point:** 0°C (32°F); **Flash Point:** 81°C;

**Boiling Point:** 93.9° to 100°C (201° to 212°F); **Density:** 1.0;

**DOT Class 9: Miscellaneous; UN:** 3334; Phosphate Buffer; 6.9 to 7.1 (at 25°C); Soluble in water;

Specially filtered for use in tissue processors.

Buffered with Phosphate in accordance with A.F.I.P. Manual of Histology.

ChemAlert™  
Storage Code  
BLUE

## Methanol Purified

| Quantity | Packaging   | Cat. No.   |
|----------|-------------|------------|
| 1 gal.   | Poly Bottle | HC-4001GAL |

Liquid; Assay: >95%; **CAS** [67-56-1]; **Melting Point:** -98°C (-144.4°F); **Flash Point:** 53.6°F; **Boiling Point:** 64.7°C (148.5°F)





**Fisher Diagnostics™ PROTOCOL™ 10% Buffered Formalin**

| Quantity | Packaging   | Cat. No.   |
|----------|-------------|------------|
| 5 gal.   | Cubitainer  | 23-245-685 |
| 55 gal.  | Metal Drum  | 23-253-998 |
| 32 oz.   | Poly Bottle | 23-305-510 |
| 2.5 gal. | Cubitainer  | 23-427-098 |
| 1 gal.   | Poly Bottle | 23-245-684 |

**CAS** [67-56-1];  
Traditional fixative, buffered to a neutral pH



**Reagent Alcohol, 70%, Fisherbrand™, HistoPrep™**

| Quantity       | Packaging   | Cat. No.    |
|----------------|-------------|-------------|
| 1 gal. (3.79L) | Poly Bottle | HC-1500-1GL |

Liquid; **CAS** [64-17-5, 67-56-1, 67-63-0, 7732-18-5];  
**Flash Point:** 21°C; **Boiling Point:** 72° to 96°C (161.6° to 204.8°F);  
Histology Reagents; 70% Alcohol; HistoPrep; Fisherbrand;  
Packaged in 1 gal. Polyethylene container with molded handle;  
Inner seal in screw cap;  
Labels contain safety information and meet current regulatory requirements



**Reagent Alcohol, 80%, Fisherbrand™, HistoPrep™**

| Quantity       | Packaging   | Cat. No.    |
|----------------|-------------|-------------|
| 1 gal. (3.79L) | Poly Bottle | HC-1400-1GL |

Liquid; **CAS** [64-17-5, 7732-18-5, 67-63-0, 67-56-1]; **Flash Point:** 17.2°C (63°F);  
**Boiling Point:** 76° to 80°C (168.8° to 176°F)



**Alcohol, 95%, Fisherbrand™, HistoPrep™**

| Quantity       | Packaging              | Cat. No.    |
|----------------|------------------------|-------------|
| 3.79L (1 gal.) | Polyethylene Container | HC-1300-1GL |

Liquid; **CAS** [64-17-5, 7732-18-5, 67-56-1, 67-63-0];  
**Flash Point:** 12.8° to 14.4°C (55° to 57.9°F);  
**Boiling Point:** 64° to 83°C (147.2° to 181.4°F);  
Histology Reagents; 95% Alcohol; HistoPrep; Fisherbrand;  
Packaged in 1 gal. Polyethylene container with molded handle;  
Inner seal in screw cap;  
Labels contain safety information and meet current regulatory requirements



**Reagent Alcohol, Fisherbrand™, HistoPrep™**

| Quantity       | Packaging   | Cat. No.   |
|----------------|-------------|------------|
| 1 gal. (3.79L) | Poly Bottle | HC-6001GAL |

Liquid; Denatured Alcohol, Denatured Ethanol; **CAS** [64-17-5, 67-63-0, 67-56-1]; **Melting Point:** -114.1°C (-173.4°F);  
**Flash Point:** 12.8° to 14.4°C (55° to 57.9°F); **Boiling Point:** 78.5°C (173.3°F)



**SafeClear II Xylene Substitutes, PROTOCOL™, Fisher HealthCare™**

| Quantity | Packaging   | Cat. No.   |
|----------|-------------|------------|
| 1 gal.   | Poly Bottle | 23-044-192 |

Liquid; 100%; **CAS** [64742-47-8]; **Flash Point:** 61°C; **Boiling Point:** 212°C (413.6°F);

- Nonhazardous, nonflammable clearing and deparaffinization agent
- Specifically designed for use in processing and staining histological/cytological specimen
- Essentially odorless with low toxicity

**SafeClear Xylene Substitutes, PROTOCOL™, Fisher HealthCare™**

| Quantity | Packaging   | Cat. No.   |
|----------|-------------|------------|
| 1 gal.   | Poly Bottle | 23-314-629 |

Liquid; Assay: 100%; **CAS** [68551-16-6]; **Flash Point:** 41°C;  
**Boiling Point:** 163° to 210°C (325.4° to 410°F);

- Nonhazardous, nonflammable clearing and deparaffinization agent
- Specifically designed for use in processing and staining histological/cytological specimen
- Essentially odorless with low toxicity

**TissuePrep™ 2 Micron**

Certified

| Quantity      | Packaging | Cat. No. |
|---------------|-----------|----------|
| 4.5 lb. (2kg) | Carton    | T555-2   |

**CAS** [64742-43-4, 9017-27-0];  
**Melting Point:** 53° to 57°C;  
**Flash Point:** 198.9°C/390.02°F;  
**Boiling Point:** 322°C; **Density:** 0.9g/mL;  
Solubility in water: insoluble;  
A superior embedding compound for 2 micron sectioning.  
Purity is guaranteed to meet published maximum limits of impurities.



**TissuePrep™ Embedding Media**

Certified

| Quantity      | Packaging | Cat. No. |
|---------------|-----------|----------|
| 5 lb. (2.3kg) | Carton    | T56-5    |

Paraffin Wax; **CAS** [8002-74-2];  
**Flash Point:** 198.9°C/390.02°F;  
Solubility in water: insoluble;  
Paraffin wax.  
Purity is guaranteed to meet published maximum limits of impurities.



## Xylene

| Quantity       | Packaging   | Cat. No.   |
|----------------|-------------|------------|
| 1 gal. (3.79L) | Poly Bottle | HC-7001GAL |

Liquid; Xylol, Methyltoluene; C<sub>8</sub>H<sub>10</sub>; **FW.** 106.17; **CAS** [330-20-7, 100-41-4];  
**Melting Point:** -34°C (-29.2°F); **Flash Point:** 25.6° to 32.2°C;  
**Boiling Point:** 136 to 140°C (276.8 to 284°F)



## Inorganics

## Barium Compounds [Inorganics]

## Barium Chloride Dihydrate Certified ACS

| Quantity | Packaging   | Cat. No. |
|----------|-------------|----------|
| 100g     | Poly Bottle | B34-100  |
| 500g     | Poly Bottle | B34-500  |
| 3kg      | Poly Bottle | B34-3    |
| 10kg     | Poly Pail   | B34-10   |

Crystalline; ≥99.0 %; BaCl<sub>2</sub>·2H<sub>2</sub>O; **FW.** 244.26; **CAS** [10326-27-9];  
**Melting Point:** 962°C; **Boiling Point:** 1560°C; **Density:** 3.86g/mL;  
**DOT Class 6.1:** Poison; **UN:** 1564



## Bromine Compounds [Inorganics]

## Bromine Certified ACS

| Quantity | Packaging   | Cat. No. |
|----------|-------------|----------|
| 50mL     | Amber Glass | B385-50  |
| 250mL    | Amber Glass | B385-250 |

≥99.5 %; Br<sub>2</sub>; **FW.** 159.81; **CAS** [7726-95-6];  
**Melting Point:** -7.2°C; **Boiling Point:** 58.7°C;  
**Density:** 3.11g/mL; **DOT Class 8:** Corrosive;  
**UN:** 1744; **Atomic Weight:** 79.91



## Copper Compounds [Inorganics]

## Cupric Sulfate Pentahydrate Technical

| Quantity | Packaging   | Cat. No. |
|----------|-------------|----------|
| 3kg      | Poly Bottle | C490-3   |
| 10kg     | Poly Pail   | C490-10  |

Powder; Copper (II) Sulfate Pentahydrate; CuO<sub>4</sub>S·5H<sub>2</sub>O;  
**FW.** 249.68; **CAS** [7758-99-8]; **Melting Point:** 110°C; **Boiling Point:** 150°C;  
**Density:** 2.28g/mL; **DOT Class 9:** Miscellaneous; **UN:** 3077;  
Soluble in water



## Gold Compounds [Inorganics]

## Gold(I) chloride, +99%

| Quantity | Packaging    | Cat. No.     |
|----------|--------------|--------------|
| 1g       | Glass Bottle | AC38833-0010 |
| 5g       | Glass Bottle | AC38833-0050 |

Yellow to Green Powder; 99+%; AuCl; AuCl; **FW.** 232.42;  
**Melting Point:** 289.0°C; **UN:** 3260



## Potassium Compounds [Inorganics]

## Potassium Bromide Infrared

| Quantity | Packaging    | Cat. No. |
|----------|--------------|----------|
| 25g      | Glass Bottle | P227-25  |

KB<sub>r</sub>; **FW.** 119.00; **CAS** [7758-02-3]; **Melting Point:** 730°C (1346°F);  
**Boiling Point:** 1435°C (2615°F); **Density:** 2.75g/mL



## Potassium Dichromate Certified ACS

| Quantity | Packaging   | Cat. No. |
|----------|-------------|----------|
| 100g     | Poly Bottle | P188-100 |
| 500g     | Poly Bottle | P188-500 |
| 3kg      | Poly Bottle | P188-3   |

Crystalline; ≥99 %; Potassium Bichromate; K<sub>2</sub>Cr<sub>2</sub>O<sub>7</sub>; **FW.** 294.18;  
**CAS** [7778-50-9]; **Melting Point:** 398°C; **Boiling Point:** 500°C;  
**Density:** 2.68g/mL; **DOT Class 6.1:** Poison; **UN:** 3086;  
Solubility in water: partially soluble



## Potassium Permanganate Certified ACS

| Quantity | Packaging    | Cat. No. |
|----------|--------------|----------|
| 500g     | Glass Bottle | P279-500 |

Crystalline; ≥99 %; KMnO<sub>4</sub>; **FW.** 158.03; **CAS** [7722-64-7];  
**Melting Point:** 240°C (464°F); **Density:** 2.7g/mL; **DOT Class 5.1:** Oxidizer;  
**UN:** 1490; **C.I.** 77755;  
Suitable for determination of mercury.



## Potassium Phosphate Monobasic Certified ACS

| Quantity | Packaging   | Cat. No. |
|----------|-------------|----------|
| 500g     | Poly Bottle | P285-500 |

Crystalline; ≥99 %; Potassium Dihydrogen Phosphate; KH<sub>2</sub>PO<sub>4</sub>;  
**FW.** 136.09; **CAS** [7778-77-0]; **Melting Point:** 252.6°C;  
**Density:** 2.34g/mL;  
4.1 to 4.5 (at 25°C); Soluble in water



## Silver Compounds [Inorganics]

## Silver Nitrate Certified ACS

| Quantity | Packaging    | Cat. No. |
|----------|--------------|----------|
| 100g     | Glass Bottle | S181-100 |
| 25g      | Glass Bottle | S181-25  |
| 500g     | Glass Bottle | S181-500 |

Crystalline; Assay: ≥99.7%; AgNO<sub>3</sub>; **FW.** 169.87; **CAS** [7761-88-8];  
**Melting Point:** 212°C (413.6°F); **Boiling Point:** 433°C (811.4°F);  
**Density:** 4.35g/mL; **DOT Class 5.1:** Oxidizer; **UN:** 1493



## Sodium Compounds [Inorganics]

## Sodium Chloride Certified ACS

| Quantity | Packaging   | Cat. No.   |
|----------|-------------|------------|
| 500g     | Poly Bottle | S271-500   |
| 1kg      | Poly Bottle | S271-1     |
| 3kg      | Poly Bottle | S271-3     |
| 10kg     | Poly Pail   | S271-10    |
| 50kg     | Fiber Drum  | S271-50    |
| 350 lb.  | Fiber Drum  | S271-350LB |

Crystalline; ≥99.0 %; Salt; NaCl; **FW.** 58.44; **CAS** [7647-14-5];  
**Melting Point:** 801°C (1474°F); **Boiling Point:** 1461°C; **Density:** 2.17g/mL;  
5.0 to 9.0; Solubility in water: partially soluble;  
Actual Lot Analysis is reported on label.



| Sodium meta-Periodate  |                 | Certified ACS    |                                   |
|--|-----------------|------------------|-----------------------------------|
| <b>F</b>   | <b>Quantity</b> | <b>Packaging</b> | <b>Cat. No.</b>                   |
|  | 50g             | Poly Bottle      | <b>S398-50</b>                    |
|  | 100g            | Poly Bottle      | <b>S398-100</b>                   |
| Crystalline; 99.8 to 100.3 %; Sodium Periodate; $\text{INaO}_4$ ; <b>FW</b> : 213.89; <b>CAS</b> [7790-28-5]; <b>Melting Point</b> : 300°C (dec); <b>DOT Class 5.1</b> : Oxidizer; <b>UN</b> : 1479; |                 |                  | ChemAlert® Storage Code<br>YELLOW |

| Sodium Phosphate Dibasic Anhydrous  |                 | Certified ACS    |                                 |
|---|-----------------|------------------|---------------------------------|
| <b>F</b>  | <b>Quantity</b> | <b>Packaging</b> | <b>Cat. No.</b>                 |
|   | 500g            | Glass Bottle     | <b>S374-500</b>                 |
|   | 1kg             | Poly Bottle      | <b>S374-1</b>                   |
| Powder or Granular; ≥99 %; Monohydrogen Sodium Phosphate, Disodium Hydrogen Phosphate; $\text{Na}_2\text{HPO}_4$ ; <b>FW</b> : 141.96; <b>CAS</b> [7558-79-4]; <b>Melting Point</b> : 47.78°C; <b>Density</b> : 1.67g/mL; Solubility Information: Slightly soluble in water |                 |                  | ChemAlert® Storage Code<br>GRAY |

| Sodium Phosphate Dibasic Heptahydrate   |                 | Certified ACS    |                                 |
|---|-----------------|------------------|---------------------------------|
| <b>F</b>  | <b>Quantity</b> | <b>Packaging</b> | <b>Cat. No.</b>                 |
|   | 500g            | Poly Bottle      | <b>S373-500</b>                 |
|   | 3kg             | Poly Bottle      | <b>S373-3</b>                   |
| Crystalline; 98 to 102 %; Monohydrogen Sodium Phosphate, Disodium Hydrogen Phosphate; $\text{HNa}_2\text{O}_4 \cdot 7\text{H}_2\text{O}$ ; <b>FW</b> : 268.07; <b>CAS</b> [7782-85-6]; <b>Melting Point</b> : 48°C; <b>Density</b> : 1.68g/mL; 8.7 to 9.3 (at 25°C) |                 |                  | ChemAlert® Storage Code<br>GRAY |

| Sodium Phosphate Monobasic Monohydrate   |                 | Certified ACS    |                                 |
|--|-----------------|------------------|---------------------------------|
| <b>F</b>   | <b>Quantity</b> | <b>Packaging</b> | <b>Cat. No.</b>                 |
|  | 500g            | Poly Bottle      | <b>S369-500</b>                 |
|  |                 |                  |                                 |
| Crystalline; 98 to 102 %; Monosodium Orthophosphate, Monosodium Phosphate, Sodium Acid Phosphate, Sodium Biphosphate, Sodium Dihydrogen Phosphate; $\text{H}_2\text{O}_4\text{PNa} \cdot \text{H}_2\text{O}$ ; <b>FW</b> : 137.99; <b>CAS</b> [10049-21-5]; <b>Melting Point</b> : 100°C (212°F); <b>Boiling Point</b> : 203.89°C; <b>Density</b> : 2.04g/mL; 4.1 to 4.5 (at 25°C) |                 |                  | ChemAlert® Storage Code<br>GRAY |

## Solution[s] for Chemical Testing

## Solutions for Chemical Testing

| Sodium Hypochlorite Solution  |                 | Laboratory Grade |                                  |
|---|-----------------|------------------|----------------------------------|
| <b>F</b>  | <b>Quantity</b> | <b>Packaging</b> | <b>Cat. No.</b>                  |
|   | 1L              | Poly Bottle      | <b>SS290-1</b>                   |
|   | 4L              | Poly Bottle      | <b>SS290-4</b>                   |
| $\text{NaOCl}$ ; <b>FW</b> : 74.44; <b>CAS</b> [7681-52-9, 7732-18-5]; <b>Melting Point</b> : 0°C (32°F); <b>Density</b> : 1.1g/mL; <b>DOT Class 8</b> : Corrosive; <b>UN</b> : 1791; 5.65-6% |                 |                  | ChemAlert® Storage Code<br>WHITE |

## Solvents

## Acetone [Analytical]

| Acetone  |                 | Certified ACS Reagent Grade |   |
|--|-----------------|-----------------------------|---|
| <b>F</b>   | <b>Quantity</b> | <b>Packaging</b>            | <b>Cat. No.</b>                           |
|  | 500mL           | Glass Bottle                | <b>A18-500</b>                            |
|  | 1L              | Glass Bottle                | <b>A18-1</b>                              |
|  | 4L              | Glass Bottle                | <b>A18-4</b>                              |
|  | 4L              | Poly Bottle                 | <b>A18-P4</b>                             |
|  | 4L              | Aluminum Can                | <b>A18-S4</b>                             |
|  | 4L              | Glass Bottle, Safe-Cote™    | <b>A18-SK4</b>                            |
|  | 20L             | Steel Pail                  | <b>A18-20</b>                             |
|  | 200L            | Steel Drum                  | <b>A18-200</b>                            |
|  | 350 gal.        | Steel Tote                  | <b>A18-CU1300</b>                         |
| Liquid; 2-Propanone, Dimethyl Ketone; $\text{C}_3\text{H}_6\text{O}$ ; <b>FW</b> : 58.08; <b>CAS</b> [67-64-1]; <b>Melting Point</b> : -94°C (-137.2°F); <b>Flash Point</b> : -20°C; <b>Boiling Point</b> : 56°C (132.8°F); <b>Density</b> : 0.790g/mL max. (at 25°C); <b>DOT Class 3: Flammable Liquid</b> ; <b>UN</b> : 1090; Colorless; Soluble in water<br>Meet or exceeds the latest ACS specifications. Actual lot of analysis on label. |                 |                             | SOLVENT<br>ChemAlert® Storage Code<br>RED |

## Acetone [Application Specific]

| Acetone  |                 | Histological Grade |   |
|--|-----------------|--------------------|---|
| <b>F</b>   | <b>Quantity</b> | <b>Packaging</b>   | <b>Cat. No.</b>                           |
|  | 4L              | Aluminum Can       | <b>A16S-4</b>                             |
|  | 1 gal.          | Poly Bottle        | <b>A16F-1GAL</b>                          |
|  | 4L              | Poly Bottle        | <b>A16P-4</b>                             |
|  | 20L             | Steel Pail         | <b>A16S-20</b>                            |
| Clear colorless liquid; Assay: ≥99.5%; 2-Propanone, Dimethyl Ketone; $\text{C}_3\text{H}_6\text{O}$ ; $\text{CH}_3\text{COCH}_3$ ; <b>FW</b> : 58.08; <b>CAS</b> [67-64-1]; <b>Melting Point</b> : -94.3°C (-137.7°F); <b>Flash Point</b> : -20°C; <b>Boiling Point</b> : 56.5°C (133.7°F); <b>Density</b> : 2.0 (Air = 1.0); <b>DOT Class 3: Flammable Liquid</b> ; <b>UN</b> : 1090; Soluble in water; Used in histology applications. |                 |                    | SOLVENT<br>ChemAlert® Storage Code<br>RED |

## Acetonitrile CAS [Application Specific]

| Acetonitrile  |                 | HPLC Grade               |   |
|---|-----------------|--------------------------|---|
| <b>F</b>  | <b>Quantity</b> | <b>Packaging</b>         | <b>Cat. No.</b>                           |
|   | 1L              | Glass Bottle             | <b>A998-1</b>                             |
|   | 1L              | Glass Bottle, Safe-Cote™ | <b>A998SK-1</b>                           |
|   | 2.5L            | Amber Glass              | <b>A998-212</b>                           |
|   | 4L              | Glass Bottle             | <b>A998-4</b>                             |
|   | 4L              | Glass Bottle, Safe-Cote™ | <b>A998SK-4</b>                           |
|   | 19L             | NOWPak™ I                | <b>A998N1-19</b>                          |
| Mobile phase for HPLC applications.; Assay: 99.9% min by GC; ACN, Ethanenitrile, Methyl Cyanide; $\text{C}_2\text{H}_3\text{N}$ ; $\text{CH}_3\text{CN}$ ; <b>FW</b> : 41.05; <b>CAS</b> [75-05-8]; <b>Melting Point</b> : -45°C (-49°F); <b>Flash Point</b> : 12.8°C (55°F); <b>Boiling Point</b> : 81.6°C (178.9°F); <b>Density</b> : 0.781g/mL (at 25°C); <b>DOT Class 3: Flammable Liquid</b> ; <b>UN</b> : 1648; Colorless; 0.2-micron filtered.; 1.3405 to 1.3425; Soluble in water; HPLC mobile phase for analytical and preparative separations. High UV transmittance and low evaporation residue. Suitable for gradient and isocratic conditions. Filtered through a 0.2µm filter to remove particulates. This product also meets ACS specifications. |                 |                          | SOLVENT<br>ChemAlert® Storage Code<br>RED |

Acetonitrile Optima LC/MS

| Quantity | Packaging    | Cat. No. |
|----------|--------------|----------|
| 500mL    | Glass Bottle | A955-500 |
| 1L       | Glass Bottle | A955-1   |
| 2.5L     | Glass Bottle | A955-212 |
| 4L       | Glass Bottle | A955-4   |

Formulated for UHPLC-UV; Assay: 99.9% min by GC; ACN, Ethanenitrile, Methyl Cyanide;  $C_2H_3N$ ;  $CH_3CN$ ; **FW**: 41.05; **CAS** [75-05-8]; **Melting Point**:  $-45^{\circ}C$  ( $-49^{\circ}F$ ); **Flash Point**:  $12.8^{\circ}C$  ( $55^{\circ}F$ ); **Boiling Point**:  $81.6^{\circ}C$  ( $178.9^{\circ}F$ ); **Density**: 1.42 (Air = 1.0); **DOT Class 3: Flammable Liquid**; **UN**: 1648; Actual Lot Analysis reported on label; Certificate of Actual Lot Analysis available on request.; Colorless; 0.1-micron filtered.;



Soluble in water;  
 ---Ideal mobile phase for LC/MS and UHPLC-UV applications in pharmaceutical, biotechnology, clinical, environmental and food safety industries.  
 ---Novel gradient elution test with Photodiode Array Detector screens for UV-absorbing contaminants at every wavelength in the 200 to 400nm range to afford smooth baselines and to reduce interferences.  
 ---Evaluated for 17 metal impurities at ppb concentrations to minimize the formation of metal adducts during analysis and simplify spectral interpretation.  
 ---0.1 micron filtration minimizes troublesome particles that may interfere with LC/MS and UHPLC system performance and provides an ideal solution to prepare cleaner, particle-free mobile phase blends.  
 ---Positive mode ionization (as propazine) and negative mode ionization (as mecoprop) with ESI and Single Quadrupole MS detect organic contaminants at max 50ppb and max 300ppb, respectively.

 Acetonitrile Optima

| Quantity | Packaging                | Cat. No.  |
|----------|--------------------------|-----------|
| 1L       | Glass Bottle             | A996-1    |
| 4L       | Glass Bottle             | A996-4    |
| 4L       | Glass Bottle, Safe-Cote™ | A996SK-4  |
| 19L      | FisherPak                | A996-N219 |

High purity mobile phase for HPLC and/or extraction solvent for GC applications.; Assay: 99.9% min by GC; ACN, Ethanenitrile, Methyl Cyanide;  $C_2H_3N$ ; **FW**: 41.05; **CAS** [75-05-8]; **Melting Point**:  $-45^{\circ}C$  ( $-49^{\circ}F$ ); **Flash Point**:  $49^{\circ}C$ ; **Boiling Point**:  $81.6^{\circ}C$  ( $178.9^{\circ}F$ ); **Density**: 0.781g/mL; **DOT Class 3: Flammable Liquid**; **UN**: 1648; Certificate of Lot Analysis included with each bottle; UV and other chromatograms available on request.; Colorless; 1.3405 to 1.3425; Soluble in water; High purity and versatile solvent for HPLC, GC and pesticide residue analysis. High UV transmittance and low evaporation residue. Filtered through a 0.2µm filter to remove particulates. This product also meets ACS specifications.



## Denatured Alcohols

 Alcohol, Reagent Histological Grade

| Quantity | Packaging    | Cat. No.   |
|----------|--------------|------------|
| 4L       | Aluminum Can | A962S-4    |
| 4L       | Glass Bottle | A962-4     |
| 4L       | Poly Bottle  | A962P-4    |
| 1 gal.   | Poly Bottle  | A962F-1GAL |
| 200L     | Steel Drum   | A962-200   |

Clear colorless liquid; Reagent; Assay: Ethanol (88 to 91%), Methanol (4.0 to 5.0% v/v), Isopropyl Alcohol (4.5 to 5.5%); **CAS** [64-17-5, 67-63-0, 67-56-1]; **Melting Point**:  $-114.11^{\circ}C$  ( $-173.4^{\circ}F$ ); **Flash Point**:  $12.8^{\circ}C$  ( $55^{\circ}F$ ); **Boiling Point**:  $78.50^{\circ}C$  ( $173.3^{\circ}F$ ); **Density**: 1.24; **DOT Class 3: Flammable Liquid**; **UN**: 1170; Clear; Specially filtered for use in tissue processors.; Soluble in water; Specially Denatured Alcohol for histologic use.; Maximum container size is 4 liters, under government regulations.



## Ethyl Alcohol Denatured (Proprietary Solvent)

| Quantity | Packaging                | Cat. No. |
|----------|--------------------------|----------|
| 500mL    | Glass Bottle             | A407-500 |
| 1L       | Glass Bottle             | A407-1   |
| 4L       | Glass Bottle             | A407-4   |
| 4L       | Glass Bottle, Safe-Cote™ | A407SK-4 |
| 4L       | Poly Bottle              | A407P-4  |
| 4L       | Aluminum Can             | A407S-4  |
| 20L      | Lined Steel Drum         | A407-20  |
| 200L     | Lined Steel Drum         | A407-200 |

Ethanol, Denatured; **CAS** [64-17-5]; **Flash Point**:  $13.9^{\circ}C$  ( $57^{\circ}F$ ); **DOT Class 3: Flammable Liquid**; **UN**: 1170; Proprietary Solvent; Soluble in water; Formulation: Ethyl Alcohol (100 parts); Ethyl Acetate (1 part); Methyl iso-Butyl Ketone (1 part); Aviation Gasoline (1 part)



## Dimethyl Sulfoxide

 Dimethyl Sulfoxide Certified ACS Reagent Grade

| Quantity | Packaging    | Cat. No. |
|----------|--------------|----------|
| 500mL    | Glass Bottle | D128-500 |

Clear colorless liquid;  $\geq 99.9\%$ ; Methyl Sulfoxide, DMSO;  $C_2H_6OS$ ;  $(CH_3)_2SO$ ; **FW**: 78.13; **CAS** [67-68-5]; **Melting Point**:  $18.4^{\circ}C$  ( $65^{\circ}F$ ); **Flash Point**:  $87^{\circ}C$ ; **Boiling Point**:  $189^{\circ}C$ ; **Density**: 2.7 (Air = 1.0); Soluble in water



Note: Sold for nonmedical use only. Not to be used or sold as a drug for humans or animals.

## Ethanol [Analytical]

 Ethanol Absolute, 200 Proof ACS Reagent Grade

| Quantity | Packaging | Cat. No.     |
|----------|-----------|--------------|
| 1L       | EcoSafPak | AC61509-0010 |

99.5%;  $C_2H_6O$ ;  $CH_3CH_2OH$ ; **FW**: 46.07; **CAS** [64-17-5, 7732-18-5]; **Melting Point**:  $-114.0^{\circ}C$ ; **Flash Point**:  $12^{\circ}C$ ; **Boiling Point**:  $78.0^{\circ}C$ ; **Density**: 0.7900g/mL; **UN**: 1170; Solubility in water: miscible

 Ethanol, Anhydrous Histological Grade

| Quantity | Packaging        | Cat. No.   |
|----------|------------------|------------|
| 4L       | Poly Bottle      | A405P-4    |
| 20L      | Lined Steel Drum | A405-20    |
| 1 gal.   | Poly Bottle      | A405F-1GAL |

Clear colorless liquid; Ethyl Alcohol Denatured, Ethanol, Denatured; **CAS** [64-17-5, 108-10-1, 141-78-6, 67-56-1, 108-88-3]; **Flash Point**:  $12^{\circ}C$ ; **Boiling Point**:  $77.11^{\circ}C$  ( $170.8^{\circ}F$ ); **Density**: 0.79g/mL; **DOT Class 3: Flammable Liquid**; **UN**: 1170; Used in histology, pathology, and cell biology applications.



## Ethanol [Application Specific]

 Ethanol Molecular Biology Grade

| Quantity        | Packaging    | Cat. No.   |
|-----------------|--------------|------------|
| 0.125 gal.      | Glass Bottle | 07-678-003 |
| 24 x 0.125 gal. | Glass Bottle | 07-678-002 |

Made to USP specifications, Tested for the presence of DNase and RNase;  $\geq 99.5\%$ ; Ethyl Alcohol; **CAS** [64-17-5]; **Melting Point**:  $-114^{\circ}C$  ( $-173^{\circ}F$ ); **Boiling Point**:  $78.3^{\circ}C$  ( $173^{\circ}F$ ); **Density**: 6.62; **UN**: UN1170; **Recommended Storage**: Do not store alcohol above  $120^{\circ}F$ ; 200 Proof (100% ethanol); Pure Ethanol products are taxed according to the government schedule of excise taxes detailed in US CFR Part 27 (211.1119). This excise tax is included in the cost of this product. There is no need for Federal Permits.

## Ethanol Molecular Biology Grade

F

| Quantity | Packaging    | Cat. No.   |
|----------|--------------|------------|
| 100mL    | Glass Bottle | BP2818-100 |
| 500mL    | Glass Bottle | BP2818-500 |
| 4L       | Glass Bottle | BP2818-4   |

Clear colorless liquid; DNase-, RNase- and Protease-Free; Assay: ≥99.5% (v/v); Ethyl Alcohol; C<sub>2</sub>H<sub>6</sub>O; C<sub>2</sub>H<sub>5</sub>OH; **FW.** 46.07; **CAS** [64-17-5]; **Melting Point:** -114°C (-173°F); **Flash Point:** 12°C (53.6°F);

**Boiling Point:** 78°C (172.4°F); Colorless;

Absolute (200 Proof);

For nucleic acid purification and precipitation.

Ultrapore molecular biology grade ethanol is used for the purification and precipitation of biomolecules such as nucleic acids and proteins.

It is also used in histology to prepare staining and destaining reagents and for dehydrating tissues prior to embedding.



## Ethyl Acetate [Application Specific]

## Ethyl Acetate HPLC Grade

F

| Quantity | Packaging                | Cat. No.  |
|----------|--------------------------|-----------|
| 1L       | Glass Bottle             | E195-1    |
| 4L       | Glass Bottle             | E195-4    |
| 1L       | Glass Bottle, Safe-Cote™ | E195SK-1  |
| 4L       | Glass Bottle, Safe-Cote™ | E195SK-4  |
| 19L      | NOWPak™ I                | E195N1-19 |

Mobile phase for HPLC applications.; Assay: 99.9% min by GC;

EtOAc, Acetic Acid Ethyl Ester; C<sub>4</sub>H<sub>8</sub>O<sub>2</sub>; CH<sub>3</sub>COOC<sub>2</sub>H<sub>5</sub>;

**FW.** 88.11; **CAS** [141-78-6]; **Melting Point:** -83°C (-117.4°F);

**Flash Point:** -4°C (+25°F);

**Boiling Point:** 75° to 78°C (167° to 171.5°F); **Density:** 3.04 (Air = 1.0);

**DOT Class 3:** Flammable Liquid; **UN:** 1173;

1.3680 to 1.3710; Solubility in water: slight;

HPLC mobile phase for analytical and preparative separations.

High UV transmittance and low evaporation residue.

Filtered through a sub-micron filter to remove particulates.

This product also meets ACS specifications.



## Ethyl Acetate Optima

F

| Quantity | Packaging                | Cat. No. |
|----------|--------------------------|----------|
| 4L       | Glass Bottle             | E196-4   |
| 4L       | Glass Bottle, Safe-Cote™ | E196SK-4 |

High purity mobile phase for HPLC and/or extraction solvent

for GC applications.; Assay: 99.9% min by GC;

Acetic Acid Ethyl Ester; C<sub>4</sub>H<sub>8</sub>O<sub>2</sub>; CH<sub>3</sub>COOC<sub>2</sub>H<sub>5</sub>;

**CAS** [141-78-6]; **Melting Point:** -83°C (-117.4°F);

**Flash Point:** -4°C (+25°F); **Boiling Point:** 75° to 78°C (167° to 171.5°F);

**Density:** 3.04 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1173;

Certificate of Lot Analysis included with each bottle;

UV and other chromatograms available on request;

1.3680 to 1.3710; Solubility in water: slight;

High purity and versatile solvent for pesticide residue analysis.

High UV transmittance and low evaporation residue.

Filtered through a sub-µm filter to remove particulates. Packaged under nitrogen.

This product also meets ACS specifications.



## Hexanes [Application Specific]

## Hexanes HPLC Grade

F

| Quantity | Packaging                | Cat. No.  |
|----------|--------------------------|-----------|
| 1L       | Glass Bottle             | H302-1    |
| 4L       | Glass Bottle             | H302-4    |
| 1L       | Glass Bottle, Safe-Cote™ | H302SK-1  |
| 4L       | Glass Bottle, Safe-Cote™ | H302SK-4  |
| 19L      | NOWPak™ I                | H302N1-19 |

Mobile phase for HPLC applications.; Assay: 98.5% min by GC;

C<sub>6</sub>H<sub>14</sub>; **FW.** 86.18; **CAS** [110-54-3];

**Melting Point:** -95°C (-139°F); **Flash Point:** -22°C;

**Boiling Point:** 62° to 69°C (143.6° to 156.2°F);

**Density:** 2.97 (Air = 1.0);

**DOT Class 3:** Flammable Liquid; **UN:** 1208;

1.3740 to 1.3780; Solubility in water: insoluble;

HPLC mobile phase for analytical and preparative separations.

High UV transmittance and low evaporation residue.

Filtered through a sub-micron filter to remove particulates.

This product also meets ACS specifications.



## Isopropanol [IPA] [Analytical]

## 2-Propanol Certified ACS Reagent Grade

F

| Quantity | Packaging                | Cat. No. |
|----------|--------------------------|----------|
| 500mL    | Glass Bottle             | A416-500 |
| 1L       | Glass Bottle             | A416-1   |
| 4L       | Glass Bottle             | A416-4   |
| 4L       | Glass Bottle, Safe-Cote™ | A416SK-4 |
| 4L       | Poly Bottle              | A416P-4  |
| 4L       | Aluminum Can             | A416S-4  |
| 20L      | Steel Pail               | A416-20  |
| 200L     | Steel Drum               | A416-200 |

Liquid; ≥99.5 %; Isopropanol, Isopropyl Alcohol; C<sub>3</sub>H<sub>8</sub>O;

(CH<sub>3</sub>)<sub>2</sub>CHOH; **FW.** 60.1; **CAS** [67-63-0]; **Melting Point:** -88°C;

**Flash Point:** 12°C (53.6°F); **Boiling Point:** 82°C;

**Density:** 2.1 (Air = 1.0); **DOT Class 3:** Flammable Liquid;

**UN:** 1219; Colorless;

1.3740 to 1.3760; Solubility in water: miscible;

In addition to meeting or exceeding the latest ACS specifications, are analyzed for more than 16 metals. Actual lot of analysis on label.



## IPA (Isopropyl Alcohol), 70% v/v

F

| Quantity | Packaging   | Cat. No. |
|----------|-------------|----------|
| 1L       | Poly Bottle | A459-1   |
| 4L       | Poly Bottle | A459-4   |
| 500mL    | Poly Bottle | A459-500 |
| 20L      | PolyPac™    | A459-20  |

Assay: 68.0 to 72.0%; C<sub>3</sub>H<sub>8</sub>O; **FW.** 60.1; **CAS** [7732-18-5, 67-63-0];

**Melting Point:** -88°C (-126.4°F); **Flash Point:** 18°C; **Boiling Point:** 82°C (179.6°F);

**Density:** 2.1 (Air = 1.0);

1.3706 to 1.3722; Solubility in water: miscible

## Isopropanol [IPA] [Application Specific]

## 2-Propanol

Histological Grade

| Quantity | Packaging    | Cat. No.   |
|----------|--------------|------------|
| 1 gal.   | Poly Bottle  | A426F-1GAL |
| 4L       | Poly Bottle  | A426P-4    |
| 4L       | Aluminum Can | A426S-4    |
| 20L      | Steel Pail   | A426S-20   |
| 200L     | Steel Drum   | A426S-200  |

Clear colorless liquid; Isopropanol, Isopropyl Alcohol, IPA; C<sub>3</sub>H<sub>8</sub>O; (CH<sub>3</sub>)<sub>2</sub>CHOH; **FW**. 60.10; **CAS** [67-63-0]; **Melting Point**: -88°C (-124.6°F); **Flash Point**: 12°C (53.6°F); **Boiling Point**: 82°C; **Density**: 2.1 (Air = 1.0); **DOT Class 3**: Flammable Liquid; **UN**: 1219; Solubility in water: miscible; Specially filtered for use in tissue processors.



## Methanol [Application Specific]

## Methanol

Histological Grade

| Quantity | Packaging    | Cat. No.   |
|----------|--------------|------------|
| 4L       | Aluminum Can | A-433S4    |
| 4L       | Poly Bottle  | A-433P4    |
| 1 gal.   | Poly Bottle  | A-433F1GAL |
| 20L      | Steel Pail   | A-433S20   |
| 200L     | Steel Drum   | A-433S200  |

Clear colorless liquid; Methyl Alcohol, Methyl Hydrate; CH<sub>4</sub>O; CH<sub>3</sub>OH; **FW**. 32.04; **CAS** [67-56-1]; **Melting Point**: -98°C (-144.4°F); **Flash Point**: 12°C (53.6°F); **Boiling Point**: 64.7°C (148.5°F); **Density**: 1.11 (Air = 1.0); **DOT Class 3**: Flammable Liquid; **UN**: 1230; Solubility in water: miscible; Used in histology applications.



## 2-Propanol

Optima LC/MS

| Quantity | Packaging    | Cat. No. |
|----------|--------------|----------|
| 1L       | Glass Bottle | A461-1   |
| 2.5L     | Glass Bottle | A461-212 |
| 4L       | Glass Bottle | A461-4   |
| 500mL    | Glass Bottle | A461-500 |

Also Meets ACS Specifications; Assay: ≥99.90%; Isopropyl Alcohol, Isopropanol, IPA; C<sub>3</sub>H<sub>8</sub>O; (CH<sub>3</sub>)<sub>2</sub>CHOH; **FW**. 60.1; **CAS** [67-63-0]; **Melting Point**: -88°C (-124.6°F); **Flash Point**: 12°C (53.6°F); **Boiling Point**: 82°C (179.6°F); **Density**: 2.1 (Air = 1.0); Actual Lot Analysis reported on label; Certificate of Actual Lot Analysis available on request; Solubility in water: miscible

## 2-Propanol

Optima

| Quantity | Packaging    | Cat. No. |
|----------|--------------|----------|
| 1L       | Glass Bottle | A464-1   |
| 4L       | Glass Bottle | A464-4   |
| 4L       | Glass Bottle | A464SK-4 |

High purity mobile phase for HPLC and/or extraction solvent; Assay: 99.9% min by GC; Isopropanol, Isopropyl Alcohol, IPA; CH<sub>4</sub>O; (CH<sub>3</sub>)<sub>2</sub>CHOH; **FW**. 60.1; **CAS** [67-63-0]; **Melting Point**: -89.5°C (-129.1°F); **Flash Point**: 12°C (53.6°F); **Boiling Point**: 81° to 83°C (177.8° to 181.4°F) at 760mmHg; **Density**: 2.1 (Air = 1.0); **DOT Class 3**: Flammable Liquid; **UN**: 1219; 1.3740 to 1.3760; Solubility in water: miscible; High purity and versatile solvent for HPLC. High UV transmittance and low evaporation residue. Filtered through a 0.2-µm filter to remove particulates. This product also meets ACS specifications.



## Methanol

HPLC Grade

| Quantity | Packaging                | Cat. No.  |
|----------|--------------------------|-----------|
| 1L       | Glass Bottle             | A452-1    |
| 4L       | Glass Bottle             | A452-4    |
| 1L       | Glass Bottle, Safe-Cote™ | A452SK-1  |
| 4L       | Glass Bottle, Safe-Cote™ | A452-SK4  |
| 19L      | NOVPAk™ I                | A452N1-19 |

Mobile phase for HPLC applications.; Assay: 99.9% min by GC; MeOH, Methyl Alcohol; CH<sub>4</sub>O; CH<sub>3</sub>OH; **FW**. 32.04; **CAS** [67-56-1]; **Melting Point**: -98°C (-144.4°F); **Flash Point**: 12°C (53.6°F); **Boiling Point**: 64.7°C (148.5°F); **Density**: 1.11 (Air = 1.0); **DOT Class 3**: Flammable Liquid; **UN**: 1230; Colorless; 0.2-micron filtered.; 1.3260 to 1.3300 (at 25°C); Solubility in water: miscible; HPLC mobile phase for analytical and preparative separations. High UV transmittance and low evaporation residue. Suitable for gradient and isocratic conditions. Filtered through a 0.2µm filter to remove particulates. This product also meets ACS specifications.



## Methanol

Optima LC/MS

| Quantity | Packaging    | Cat. No. |
|----------|--------------|----------|
| 500mL    | Amber Glass  | A456-500 |
| 1L       | Glass Bottle | A456-1   |
| 2.5L     | Amber Glass  | A456-212 |
| 4L       | Glass Bottle | A456-4   |

Formulated for UHPLC-UV; Assay: 99.9% min by GC; MeOH, Methyl Alcohol; CH<sub>4</sub>O; CH<sub>3</sub>OH; **FW**. 32.04; **CAS** [67-56-1]; **Melting Point**: -98°C (-144.4°F); **Flash Point**: 12°C (53.6°F); **Boiling Point**: 64.7°C (148.5°F); **Density**: 1.11 (Air = 1.0); **DOT Class 3**: Flammable Liquid; **UN**: 1230; Actual Lot Analysis reported on label; Certificate of Actual Lot Analysis available on request; Colorless; 0.1-micron filtered.; Solubility in water: miscible; ---Ideal mobile phase for LC/MS and UHPLC-UV applications in pharmaceutical, biotechnology, clinical, environmental and food safety industries. ---Novel gradient elution test with Photodiode Array Detector screens for UV-absorbing contaminants at every wavelength in the 200 to 400nm range to afford smooth baselines and to reduce interferences. ---Evaluated for 17 metal impurities at ppb concentrations to minimize the formation of metal adducts during analysis and simplify spectral interpretation. ---0.1 micron filtration minimizes troublesome particles that may interfere with LC/MS and UHPLC system performance and provides an ideal solution to prepare cleaner, particle-free mobile phase blends. ---Positive mode ionization (as propazine) and negative mode ionization (as mecoprop) with ESI and Single Quadrupole MS detect organic contaminants at max 100ppb and max 300ppb, respectively.



## Methanol [Analytical]

## Methanol

Certified ACS Reagent Grade

| Quantity | Packaging                | Cat. No. |
|----------|--------------------------|----------|
| 500mL    | Glass Bottle             | A412-500 |
| 1L       | Glass Bottle             | A412-1   |
| 4L       | Glass Bottle             | A412-4   |
| 4L       | Glass Bottle, Safe-Cote™ | A412-SK4 |
| 4L       | Poly Bottle              | A412P-4  |
| 20L      | Steel Pail               | A412-20  |
| 20L      | Lined Steel Drum         | A434-20  |
| 200L     | Steel Drum               | A412-200 |

Assay: ≥99.8%; Methyl Alcohol; CH<sub>4</sub>O; **FW**. 32.04; **CAS** [67-56-1]; **Melting Point**: -98°C (-144.4°F); **Flash Point**: 12°C (53.6°F); **Boiling Point**: 64.7°C (148.5°F); **Density**: 1.11 (Air = 1.0); **DOT Class 3**: Flammable Liquid; **UN**: 1230; Colorless; Solubility in water: miscible



Methanol Optima

F

| Quantity | Packaging                | Cat. No. |
|----------|--------------------------|----------|
| 1L       | Glass Bottle             | A454-1   |
| 4L       | Glass Bottle             | A454-4   |
| 4L       | Glass Bottle, Safe-Cote™ | A454SK-4 |

99.9% min by GC; MeOH, Methyl Alcohol; CH<sub>4</sub>O; CH<sub>3</sub>OH;  
**FW.** 32.04; **CAS** [67-56-1]; **Melting Point:** -98°C (-144.4°F);  
**Flash Point:** 12°C (53.6°F); **Boiling Point:** 64.7°C (148.5°F); **Density:** 1.11 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1230;  
 Certificate of Lot Analysis included with each bottle;  
 UV and other chromatograms available on request.; Colorless;  
 0.2-micron filtered.;  
 1.3260 to 1.3300; Solubility in water: miscible;  
 High purity and versatile solvent for HPLC. Certificate of Lot Analysis included with each bottle; UV and other chromatograms available on request.  
 High UV transmittance and low evaporation residue.  
 Suitable for gradient and isocratic conditions. HPLC mobile phase for analytical and preparative separations.  
 Filtered through a 0.2µm filter to remove particulates.  
 This product also meets ACS specifications.



## Xylenes

Xylenes Certified ACS Reagent Grade

F

| Quantity | Packaging                | Cat. No. |
|----------|--------------------------|----------|
| 500mL    | Glass Bottle             | X5-500   |
| 1L       | Glass Bottle             | X5-1     |
| 1 gal.   | Poly Bottle              | X5P-1GAL |
| 4L       | Glass Bottle             | X5-4     |
| 4L       | Glass Bottle, Safe-Cote™ | X5SK-4   |
| 4L       | Aluminum Can             | X5S-4    |
| 20L      | Steel Pail               | X5-20    |
| 200L     | Steel Drum               | X5-200   |

Assay: ≥98.5%; Xylol, Dimethylbenzene; C<sub>8</sub>H<sub>10</sub>;  
**FW.** 106.17; **CAS** [1330-20-7, 100-41-4];  
**Melting Point:** -34°C (-29.2°F); **Flash Point:** 25.6°C (78.1°F);  
**Boiling Point:** 136° to 140°C (276.8° to 284°F);  
**Density:** 3.66 (Air = 1.0); **DOT Class 3:** Flammable Liquid; **UN:** 1307;  
 Solubility in water: insoluble;  
 Mixture of ortho, meta, and para isomers and may contain some Ethylbenzene.

Xylenes Histological Grade

F

| Quantity | Packaging            | Cat. No. |
|----------|----------------------|----------|
| 1 gal.   | Poly Bottle          | X3P-1GAL |
| 1 gal.   | Poly Bottle, F-Style | X3-F1GAL |
| 4L       | Aluminum Can         | X3S-4    |
| 20L      | Steel Pail           | X3S-20   |
| 200L     | Steel Drum           | X3S-200  |

Xylol, Dimethylbenzene; C<sub>8</sub>H<sub>10</sub>; C<sub>6</sub>H<sub>4</sub>(CH<sub>3</sub>)<sub>2</sub>; **FW.** 106.17;  
**CAS** [1330-20-7, 100-41-4]; **Melting Point:** -34°C (-29.2°F);  
**Flash Point:** 25.6°C (78.1°F);  
**Boiling Point:** 136° to 140°C (276.8° to 284°F);  
**Density:** 0.865 (H<sub>2</sub>O=1); **DOT Class 3:** Flammable Liquid; **UN:** 1307; Clear;  
 Solubility in water: insoluble;  
 Specially filtered for use in tissue processors.  
 This reagent is generally a mixture of the ortho, meta, and para isomers and may contain some Ethylbenzene.



## Surfactants and Wetting Agents

Triton™ X-100 Electrophoresis-Grade

F

| Quantity | Packaging    | Cat. No.  |
|----------|--------------|-----------|
| 100mL    | Glass Bottle | BP151-100 |
| 500mL    | Glass Bottle | BP151-500 |

Clear colorless liquid; Polyethylene Glycol p-tert-Octylphenyl Ether;  
 4-(C<sub>8</sub>H<sub>17</sub>) C<sub>6</sub>H<sub>4</sub> (OCH<sub>2</sub>CH<sub>2</sub>)<sub>n</sub> OH (n~10); **FW.** 646.86; **CAS** [9002-93-1];  
**Melting Point:** 6°C; **Flash Point:** 274°C; **Boiling Point:** 270°C;  
**Density:** 7.11 (Air = 1.0); **Recommended Storage:** RT;  
 6 to 8 (at 25°C); 2 years; Soluble in water;  
 For solubilization and permeabilization of membranes.



## Tween™ 20

F

| Quantity | Packaging    | Cat. No.  |
|----------|--------------|-----------|
| 100mL    | Glass Bottle | BP337-100 |
| 500mL    | Glass Bottle | BP337-500 |

Viscous, Colorless Liquid; Polysorbate 20, Polyoxyethylene-20-sorbitan  
 Monolaurate, Polyoxyethylenesorbitan monolaurate; C<sub>38</sub>H<sub>74</sub>O<sub>26</sub>;  
**FW.** 1227.54; **CAS** [9005-64-5]; **Flash Point:** 150°C; **Density:** 1.11g/mL;  
**Recommended Storage:** RT;  
 Non-ionic detergent.



## Tween™ 80

F

| Quantity | Packaging    | Cat. No.  |
|----------|--------------|-----------|
| 500mL    | Glass Bottle | BP338-500 |

Viscous, Yellow Liquid; Polysorbate 80, Polyoxyethylene-20-sorbitan  
 Monooleate; **CAS** [9005-65-6]; **Flash Point:** 110°C; **Density:** >1.0;  
**Recommended Storage:** RT;  
 Solubility in water: partially soluble;  
 Non-ionic detergent for selective protein extraction.



## Tween™ 80

F

| Quantity | Packaging    | Cat. No. |
|----------|--------------|----------|
| 500mL    | Glass Bottle | T164-500 |

Polyoxyethylene (20), Polysorbate (80); **CAS** [9005-65-6];  
**Flash Point:** 110°C; **Density:** >1.0;  
 Solubility in water: partially soluble



## Water

## Analytical Water [Laboratory Grade]

## Water, D.I.U.F.

F

| Quantity | Packaging   | Cat. No. |
|----------|-------------|----------|
| 4L       | Poly Bottle | W2-4     |
| 20L      | PolyPac™    | W2-20    |

Deionized ultra-filtered water; H<sub>2</sub>O; **FW.** 18.02; **CAS** [7732-18-5];  
**Melting Point:** 0°C (32°F); **Boiling Point:** 100°C (212°F);  
**Density:** 1g/mL; 5.4 to 7.0 (at 25°C)



## Chromatography Water [HPLC grade]

Water

HPLC Grade



| Quantity | Packaging                | Cat. No. |
|----------|--------------------------|----------|
| 1L       | Glass Bottle             | W5-1     |
| 1L       | Glass Bottle, Safe-Cote™ | W5SK-1   |
| 4L       | Glass Bottle             | W5-4     |
| 4L       | Glass Bottle, Safe-Cote™ | W5SK-4   |
| 19L      | NOWPak™ I                | W5-N119  |
| 19L      | NOWPak™ II               | W5-N219  |

Mobile phase for HPLC applications.; H<sub>2</sub>O; **FW**: 18.02; **CAS** [7732-18-5];  
**Melting Point**: 0°C (32°F); **Boiling Point**: 100°C (212°F); **Density**: 1g/mL;  
 Colorless; 0.5-micron filtered.;

ChemAlert™  
Storage Code  
GRAY

Low hazard for usual industrial or commercial handling.  
 HPLC mobile phase for analytical and preparative separations.  
 Suitable for gradient and isocratic conditions.  
 Filtered through a 0.5µm filter to remove particulates.

## Chromatography Water [MS grade]

Water

Optima LC/MS



| Quantity | Packaging    | Cat. No. |
|----------|--------------|----------|
| 1L       | Glass Bottle | W6-1     |
| 2.5L     | Glass Bottle | W6-212   |
| 4L       | Glass Bottle | W6-4     |
| 500mL    | Glass Bottle | W6-500   |

Formulated for UHPLC-UV; H<sub>2</sub>O; **FW**: 18.02; **CAS** [7732-18-5];  
**Melting Point**: 0°C (32°F); **Boiling Point**: 100°C (212°F); **Density**: 1g/mL;  
 Actual Lot Analysis reported on label;

ChemAlert™  
Storage Code  
GRAY

Certificate of Actual Lot Analysis available on request; Clear;  
 0.03 micron filtered.;

Low hazard for usual industrial or commercial handling.

- Ideal mobile phase for LC/MS and UHPLC-UV applications in pharmaceutical, biotechnology, clinical, environmental and food safety industries.
- Novel gradient elution test with Photodiode Array Detector screens for UV-absorbing contaminants at every wavelength in the 200 to 400nm range to afford smooth baselines and to reduce interferences.
- Evaluated for 17 metal impurities at ppb concentrations to minimize the formation of metal adducts during analysis and simplify spectral interpretation.
- 0.03 micron filtration minimizes troublesome particles that may interfere with LC/MS and UHPLC system performance and provides an ideal solution to prepare cleaner, particle-free mobile phase blends.
- Positive mode ionization (as propazine) and negative mode ionization (as mecoprop) with ESI and Single Quadrupole MS detect organic contaminants at max 50ppb and max 300ppb, respectively.

## Life Science Water [Molecular Biology Grade]

Water (DNASE, RNASE free)



| Quantity | Packaging   | Cat. No.   |
|----------|-------------|------------|
| 100mL    | Poly Bottle | BP2484-100 |

**FW**: 18.02; **CAS** [7732-18-5]; **Application**: ;  
 Filtered through a 0.2-micron filter.;

ChemAlert™  
Storage Code  
GRAY

Low hazard for usual industrial or commercial handling.  
 DNASE, RNASE free; DEPC-treated and autoclaved.





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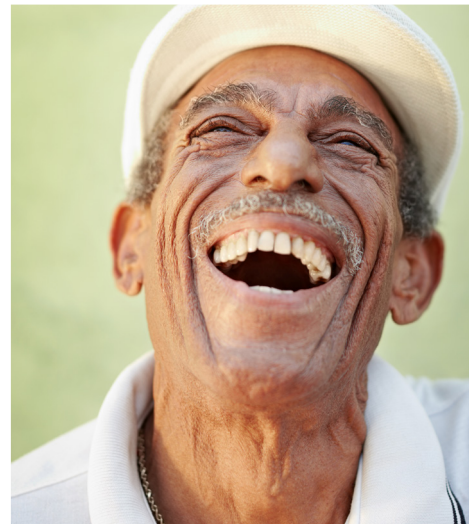


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