
Lab Dept: Serology

Test Name: HHV7 IGG/IGM ANTIBODIES

General Information

Lab Order Codes: HHV7A

Synonyms: Herpesvirus 7 IgG and IgM Antibody Panel, IFA ;Herpesvirus 7 IgG/IgM AB Panel; Herpesvirus 7 Ab Panel; Herpesvirus 7 IgG and IgM Antibody Panel,IFA; HHV-7 IgG and IgM Ab; HHV7 IgG IgM; Human Herpesvirus-7 G/M; Soft-FHHV7

CPT Codes: 86790 x2 – Antibody; virus, not elsewhere specified

Test Includes: HHV7 IgG and IgM Antibody titers

Logistics

Test Indications: Human Herpesvirus 7 (HHV-7), a close relative of HHV-6, is found in >85% of the population, with transmission occurring in early childhood. Like HHV-6, HHV-7 is a cause of exanthum subitum (roseola infantum). Due to the ubiquitous nature of HHV-7 infection, >80% of individuals in the general population exhibit HHV-7 IgG titers $\geq 1:20$; however, only 5% of these individuals exhibit titers $> 1:320$. Thus, HHV-7 IgG titers $\geq 1:320$ are suggestive of recent HHV-7 infection. Detection of HHV-7 specific IgM is also indicative of recent infection.

Lab Testing Sections: Serology - Sendouts

Referred to: Mayo Medical Laboratories forward to Focus Technologies, Inc. (MML Test: FH7GM)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 – 8 days, test performed every Thursday

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container:	SST (Gold, marble or red) tube
Draw Volume:	3 mL (Minimum: 1.5 mL) blood
Processed Volume:	1 mL (Minimum: 0.5 mL) serum
Collection:	Routine venipuncture
Special Processing:	Lab Staff: Centrifuge specimen. Remove serum aliquot into a plastic screw-capped vial. Store and ship specimen refrigerated. Forward promptly.
Patient Preparation:	None
Sample Rejection:	Mislabeled or unlabeled specimens; specimens other than serum

Interpretive

Reference Range:	IgG:	<1:320
	IgM:	<1:20

Critical Values: N/A

Limitations: This test was developed and its performance characteristics have been determined by Focus Diagnostics. Performance characteristics refer to the analytical performance of the test.

Methodology: Immunofluorescence Assay IFA

References: [Mayo Medical Laboratories Web Page](#) December 2017

[Focus Technologies, Inc. Web Page](#) December 2017

Updates: 11/20/2012: Reference range change for IgG. Previously listed as <1:160.
12/21/2017: Collection container update.