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**Lab Dept:** Serology

**Test Name:** HHV7 IGG/IGM ANTIBODIES

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***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

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***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

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***Specimen***

**Specimen Type:** Blood

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

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***Interpretive***

<b>Reference Range:</b>	<b>IgG:</b>	<1:320
	<b>IgM:</b>	<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](#) July 2015  
[Focus Technologies, Inc. Web Page](#) July 2015

**Updates:** 11/20/12: Reference range change for IgG. Previously listed as <1:160.