**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 >=1:20; however, only 5% of these individuals exhibit titers >1:320. Thus, HHV-7 IgG titers >=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

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<thead>
<tr>
<th>Reference Range:</th>
<th>IgG: &lt;1:320</th>
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<td>IgM: &lt;1:20</td>
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**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.