# HHV6 IGG/IGM ANTIBodies

## General Information

**Lab Order Codes:** HHV6A

**Synonyms:** Herpes Virus-6 Human IgG and IgM Antibodies

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

**Test Includes:** HHV6 IgG and IgM Antibody titers.

## Logistics

**Test Indications:** Human herpesvirus 6 (HHV-6) infects peripheral blood leukocytes, and is considered the agent of roseola. The normal prevalence of HHV-6 antibody is high; nearly 100% of the population will demonstrate antibody at midlife with titers declining in old age. Immunofluorescence assays are used for serological detection of HHV-6. Crossreactions with other Herpes viruses, i.e., Cytomegalovirus and Herpes Simplex have not been found. In order to demonstrate primary infection, it is necessary to detect a significant change in titer.

**Lab Testing Sections:** Serology - Sendouts

**Referred to:** Mayo Medical Laboratories forward to Focus Technologies, Inc. (MML Test: FHP6) (Focus Test# 40540)

**Phone Numbers:**
- MIN Lab: 612-813-6280
- STP Lab: 651-220-6550

**Test Availability:** Daily, 24 hours

**Turnaround Time:** 1 - 4 days, test performed daily

**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: Specimens other than serum, mislabeled or unlabeled specimens

Interpretive

<table>
<thead>
<tr>
<th>Reference Range</th>
<th>HHV6 IgG:</th>
<th>&lt;1:10</th>
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<tbody>
<tr>
<td></td>
<td>HHV6 IgM:</td>
<td>&lt;1:20</td>
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Test performed by Focus Technologies, Inc., 5785 Corporate Ave., Cypress, CA 90630-4750.

Critical Values: N/A

Limitations: N/A

Methodology: Indirect Fluorescence Antibody (IFA)

References: Mayo Medical Laboratories November 2017

Focus Technologies, Inc. November 2017

Updates: 4/28/2004: Test moved from Specialty Laboratories to Mayo Medical Laboratories forward to Focus Technologies, Inc. Note: Test previously IgG only, now IgG/IgM.