
Lab Dept: Microbiology/Virology

Test Name: HHV7 PCR, QUANTITATIVE

General Information

Lab Order Codes: HHV7P

Synonyms: Human Herpes Virus 7 PCR, HHV-7

CPT Codes: 87799 – Infectious agent detection by nucleic acid, not otherwise specified, quantification, each organism

Test Includes: HHV7 detection by PCR reported in copies/mL.

Logistics

Test Indications: Useful as an adjunct in the rapid diagnosis of HHV-7 infection. HHV-7 is closely related to HHV-6 and CMV, and can cause reactivation disease in transplant patients or other immune-compromised individuals.

Lab Testing Sections: Microbiology - Sendouts

Referred to: Mayo Medical Laboratories forward to Focus Diagnostics
MML Test: FHV7D, Focus test: 43770

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 – 3 days

Special Instructions: N/A

Specimen

Specimen Type: Blood

Note: Bone marrow will be accepted, but has not been validated. A disclaimer statement will be added to the results.

Container: Blood: Lavender top (EDTA) tube
Alternate tube: Yellow top (ACD) tube or Red Top

Draw Volume: 3 mL (Minimum: 1 mL) blood

Processed Volume:	1 mL (Minimum: 0.3 mL) plasma/serum
Collection:	Routine venipuncture
Special Processing:	Lab Staff: Centrifuge specimen, remove plasma aliquot within 2 hours of collection into a screw-cap plastic vial. Store and ship at refrigerated temperatures. Forward promptly.
Patient Preparation:	None
Specimen Rejection:	Warm specimens; mislabeled or unlabeled specimens

Interpretive

Reference Range: <500 copies/mL

Limitations: The sensitivity of the assay is very dependent upon the quality of the specimen submitted. Results less than 500 copies/mL does not indicate that the patient is not infected with HHV7.

The results obtained should be used in conjunction with clinical findings to make accurate diagnosis.

The quantitative range of this assay is 500 HHV-7 DNA copies/mL to 10,000,000 copies/mL.

Methodology: Real-time PCR Chain Amplification

References: [Mayo Medical Laboratory Web Page](#) August 2013

[Focus Diagnostics](#) August 2013

Updates: 4/21/2004: Test moved from Eastern Virginia Medical School Department of Pathology to UTSW.
12/5/2006: Test moved to Focus as the UTSW test was not quantitative.
4/25/2011: Whole blood removed as a specimen type option.