

# HHV-8 Quantitative Real-time DNA PCR

<b>Test ID</b>	<b>8000</b> HHV-8 Real-time qPCR
<b>Clinical Utility</b>	HHV-8 is the etiologic agent of Kaposi's Sarcoma (KS). Numerous studies have documented a higher risk of developing KS among HIV patients, organ transplant patients, and other immunocompromised individuals. Quantitative HHV-8 DNA PCR can be used to document the presence of the virus as well as track the course of infection.
<b>Procedure</b>	Extraction of HHV-8 viral DNA from blood, other biological fluids, or tissues followed by amplification and detection using real-time, quantitative PCR. An internal control is added to ensure the extraction was performed correctly and the PCR reaction was not inhibited.
<b>Specimens</b>	<b>Whole Blood:</b> 3-5 ml submitted in an EDTA tube; ship ambient. <b>CSF:</b> 1 ml fluid frozen, submitted in a sterile, leakproof tube; ship on dry ice. <b>Other:</b> Please inquire.
<b>Specificity</b>	The primers and probes used in this assay are specific for known strains of HHV-8 based on similarity search algorithms. Additionally, no cross reactivity was detected when tested against adenoviruses, BKV, CMV, EBV, HSV-1, HSV-2, HHV-6 variant A, HHV-6 variant B, HHV-7, JCV, parvovirus B19, SV-40, and VZV.
<b>Assay Range</b>	100 copies/ml to $1 \times 10^{10}$ copies/ml
<b>Turnaround Time</b>	Within 24 hours of receiving specimen

PCR tests are performed pursuant to a license agreement with Roche Molecular Systems, Inc.

This assay was developed and the performance characteristics were determined at ViraCor Laboratories. This test is performed in a CLIA certified laboratory. FDA approval is not required for the performance of this test.

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