

Herpes Simplex Virus (HSV), Molecular Detection, PCR, Varies

Test ID: HSPVPV

Useful for:

Aiding in the rapid diagnosis of herpes simplex virus (HSV) infections, including qualitative detection of HSV DNA in nonblood clinical specimens.

This test should not be used to screen asymptomatic patients.

Methods:

Real-Time Polymerase Chain Reaction (PCR)/DNA Probe Hybridization

Reference Values:

Herpes Simplex Virus (HSV)-1: Negative

Herpes Simplex Virus (HSV)-2: Negative

Specimen Requirements:

Submit only 1 of the following specimens:

Specimen Type:	Body fluid
Sources:	Pleural, peritoneal, ascites, pericardial, amniotic, or ocular
Container/Tube:	Sterile container
Specimen Volume:	0.5 mL
Collection Instructions:	Do not centrifuge.

Specimen Type:	Swab
Sources:	Genital, dermal, ocular, nasal, throat, or oral
Supplies:	M4-RT (T605) Bartels FlexTrans VTM-3 mL (T892) Jiangsu VTM-3 mL (T891)
Container/Tube:	Multimicrobe media (M4-RT)
Specimen Volume:	Entire collection
Collection Instructions:	Place swab back into multimicrobe media (M4-RT, Bartels FlexTrans, or Jiangsu)
Additional Information:	Source information must include main anatomical site of collection.

Specimen Type: Respiratory

Sources: Bronchial washing, bronchoalveolar lavage, nasopharyngeal aspirate or washing, sputum, or tracheal aspirate

Container/Tube: Sterile container

Specimen Volume: 1.5 mL

Specimen Type: Tissue

Sources: Brain, colon, kidney, liver, lung, etc.

Supplies: M4-RT (T605)
Bartels FlexTrans VTM-3 mL (T892)
Jiangsu VTM-3 mL (T891)

Container/Tube: Sterile container containing 1 mL to 2 mL of sterile saline or multimicrobe medium (M4-RT, Bartels FlexTrans, or Jiangsu)

Specimen Volume: Entire collection

Collection Instructions: Submit only fresh tissue.

Additional Information: Source information should include main anatomical site of collection.

Specimen Type: Urine (<1-month old infant)

Container/Tube: Sterile container

Specimen Volume: 0.5 mL

Specimen Stability Information:

Specimen Type	Temperature	Time
Varies	Refrigerated (preferred)	7 days
	Frozen	7 days

Necessary Information:

Specimen source is required.

Cautions:

A negative result does not eliminate the possibility of herpes simplex virus (HSV) infection.

Although the reference range is typically "negative" for this assay, this assay may detect viral nucleic acid shedding in asymptomatic individuals. This may be especially relevant when dermal or genital sites are tested, since intermittent shedding without noticeable lesions has been described.

This assay is only to be used for patients with a clinical history and symptoms consistent with HSV infection and must be interpreted in the context of the clinical picture.

CPT Code:

87529 x 2

Day(s) Performed: Monday through Saturday

Report Available: 1 to 4 days

Questions

Contact James Conn, Laboratory Technologist Resource Coordinator at 800-533-1710.