

Overview

Method Name

Real-Time Polymerase Chain Reaction

NY State Available

Yes

Specimen

Specimen Type

Varies

Specimen Required

Submit 1 of the Following:

CSF

Container/Tube: Sterile leak-proof container

Specimen Volume: 1 mL

Collection Instructions: Collect CSF in a leak-proof container. Send 1 mL refrigerated.

Pleural Fluid

Container/Tube: Sterile leak-proof container

Specimen Volume: 1 mL

Collection Instructions: Collect pleural fluid in a leak-proof container. Send 1 mL refrigerated.

Pericardial Fluid

Container/Tube: Sterile leak-proof container

Specimen Volume: 1 mL

Collection Instructions: Collect pericardial fluid in a leak-proof container. Send 1 mL refrigerated.

Amniotic Fluid

Container/Tube: Sterile leak-proof container

Specimen Volume: 1 mL

Collection Instructions: Collect amniotic fluid in a leak-proof container. Send 1 mL refrigerated.

Vitreous Fluid

Container/Tube: Sterile leak-proof container

Specimen Volume: 1 mL

Collection Instructions: Collect vitreous fluids in a leak-proof container. Send 1 mL refrigerated.

Swab

Container/Tube: Viral transport media V-C-M or M4

Specimen Volume: 1 swab

Collection Instructions: Swab a lesion and place swab in viral transport media, V-C-M or M4, M4RT (T605). Send refrigerated.

Whole Blood

Container/Tube: Lavender top (EDTA) or Yellow-top ACD tube

Specimen Volume: 1 mL

Collection Instructions: Draw blood in Lavender top (EDTA) or Yellow top (ACD) and send 1 mL refrigerated.

Serum

Container/Tube: SST or Red top tube

Specimen Volume: 1 mL

Collection Instructions: Draw blood in a serum gel tube(s). Spin down and send 1 mL serum refrigerated in a plastic vial

Plasma

Container/Tube: Lavender top (EDTA) or Yellow top (ACD)

Specimen Volume: 1 mL

Collection Instructions: Draw blood in Lavender top (EDTA) or Yellow top (ACD) and send 1 mL refrigerated.

Alternative Specimen(s):

1 mL Bronchoalveolar lavage or bronchial wash collected in a sterile leak-proof container.

Reject Due To

- Hemolysis NA
- Lipemia NA
- Icterus NA
- Other Whole Blood Frozen

Specimen Minimum Volume

0.5 mL

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Varies	Refrigerated (preferred)	7 days	
	Frozen	30 days	
	Ambient		

Clinical & Interpretive

Clinical Information

Herpes Simplex Virus, Type 1 and 2 DNA, Qualitative, Real-Time PCR -DNA testing is analytically more sensitive than culture, especially in patients with encephalitis or meningitis. DNA testing may be useful in diagnosis of infection in neonates. Neonates who have been exposed to HSV can develop disseminated infection and encephalitis. Encephalitis is usually due to HSV I whereas meningitis is usually due to HSV II. DNA testing provides reliable means to define the type.

Reference Values

- Not Detected
- Detected

Performance

PDF Report

No

Performing Laboratory Location

Quest Diagnostics Infectious Disease

Fees & Codes**Test Classification**

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Infectious Disease. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

CPT Code Information

87529 x 2