

NEW TEST ANNOUNCEMENT

NOTIFICATION DATE: June 27, 2013 EFFECTIVE DATE: July 31, 2013

Herpes Simplex Virus (HSV) and Varicella-Zoster Virus (VZV), Molecular Detection, PCR

Test ID: LHSVZ

USEFUL FOR: Rapid diagnosis of herpes simplex virus and varicella-zoster virus infections. If HSV is present, this test distinguishes HSV-1 from HSV-2.

PROFILE INFORMATION:

Test ID	Reporting Name	Available Separately	Always Performed
LHSV	Herpes Simplex Virus PCR	Yes	Yes
LVZV	Varicella-Zoster Virus PCR	Yes	Yes

METHODOLOGY: Detection of HSV and VZV by LightCycler Polymerase Chain Reaction (PCR)

REFERENCE VALUES: Herpes Simplex Virus PCR: Negative

Varicella-Zoster Virus PCR: Negative

SPECIMEN REQUIREMENTS:

Specimen Type: Swab

Sources: Genital, dermal, eye, throat

Container/Tube: BBL CultureSwab (Supply T092)

Specimen Volume: entire swab

Collection Instructions: Place swab back into swab cylinder

Specimen Type: Spinal fluid **Container/Tube:** Sterile vial **Specimen Volume:** 0.5 mL

Collection Instructions: Do not centrifuge. The high sensitivity of amplification by PCR

requires the specimen to be processed in an environment in which

contamination of the specimen by HSV DNA is not likely.

Minimum Volume: 0.3 mL

Specimen Type: Body fluid, ocular fluid, amniotic fluid

Container/Tube: Sterile vial Specimen Volume: 0.5 mL Minimum Volume: 0.3 mL

Specimen Type: Respiratory

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

sputum, tracheal aspirate

Container/Tube: Sterile vial Specimen Volume: 1.5 mL Minimum Volume: 1 mL

Specimen Type: Tissue

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

Container/Tube: Sterile container containing 1 to 2 mL of sterile saline or multimicrobe

medium (M5) (Supply T484).

Specimen Volume: Entire collection

Collection Instructions: Collect a fresh tissue specimen.

SPECIMEN STABILITY INFORMATION:

Specimen Type	Temperature	Time
Varies	Refrigerate (Preferred)	7 days
	Frozen	7 days

CAUTIONS: This assay is only to be used for patients with a clinical history and symptoms consistent with VZV and HSV infection, and must be interpreted in the context of the clinical picture. This test is not used to screen asymptomatic patients.

CPT CODE: 87529-HSV-1 and HSV-2

87798-VZV

DAY(S) SET UP: Monday through Sunday **ANALYTIC TIME:** 1 day

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or Kim J. Baker, MML Laboratory Technologist Resource Coordinator Telephone: 800-533-1710