

Test Definition: LHSVZ

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

Reporting Title: HSV and VZV, PCR

Performing Location: Rochester

Specimen Requirements:

Forms: If not ordered electronically, submit a Microbiology Request Form (Supply T244) with the specimen.

Specimen source is required.

Submit only 1 of the following specimens:

Specimen Type: Swab

Sources: Genital, dermal, eye, throat

Container/Tube: BBL CultureSwab (Supply T092)

Specimen Volume: 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

Additional Information: 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.

Specimen Type: Body fluid, ocular fluid, amniotic fluid

Container/Tube: Sterile container Specimen Volume: 0.5 mL

Specimen Type: Respiratory

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

Container/Tube: Sterile container

Specimen Volume: 1.5 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 Type | Temperature | Time | |
|---------------|--------------------------|--------|--|
| Varies | Refrigerated (preferred) | 7 days | |
| | Frozen | 7 days | |

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Ask at Order Entry (AOE) Questions:

| Test ID | Question ID | Description | Туре | Reportable |
|---------|-------------|-----------------|------------|------------|
| LHSV | SS001 | Specimen Source | Plain Text | Yes |
| LVZV | SRC70 | Specimen Source | Plain Text | Yes |

Result Codes:

| Result ID | Reporting Name | Туре | Unit | LOINC® |
|-----------|-----------------------------|--------------|------|------------|
| SS001 | Specimen Source | Alphanumeric | | 31208-2 |
| | Also used by tests: LHSV | | | |
| 34797 | HSV 1, PCR | Alphanumeric | | 16130-7 |
| | Also used by tests: LHSV | | | |
| 34798 | HSV 2, PCR | Alphanumeric | | 16131-5 |
| | Also used by tests: LHSV | | | |
| 34799 | HSV type Indeterminate, PCR | Alphanumeric | | 20444-6 |
| | Also used by tests: LHSV | | | |
| SRC70 | Specimen Source | Alphanumeric | | 31208-2 |
| | Also used by tests: LVZV | | | |
| 36046 | Varicella-Zoster Virus PCR | Alphanumeric | | In Process |

Components:

| Test ID | Reporting Name | CPT Units | CPT Code | Always Performed | Orderable Separately |
|---------|----------------------------|-----------|----------|---------------------|-------------------------|
| LHSV | Herpes Simplex Virus PCR | 1 | 87529 | Yes | Yes |
| LVZV | Varicella-Zoster Virus PCR | 1 | 87798 | Yes | Yes |



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Reference Values:

Herpes Simplex Virus PCR Negative

Varicella-Zoster Virus PCR Negative