

---

**Lab Dept:** Microbiology/Virology

**Test Name:** VIRAL SUSCEPTIBILITY

---

***General Information***

**Lab Order Codes:** VSUS

**Synonyms:** Herpes Simplex Virus (HSV) Phenotyping for Drug Resistance;  
Acyclovir Resistance; Zovirax Resistance; Foscarnet Resistance

**CPT Codes:** 87252 x2 - Virus isolation; tissue culture inoculation, observation, and presumptive identification by cytopathic effect  
87253 x2 - Virus isolation; tissue culture, additional studies or definitive identification, each isolate

**Test Includes:** Plaque Reduction Assay for specified anti-viral

---

***Logistics***

**Test Indications:** To evaluate drug resistance in clinical isolates.

**Lab Testing Sections:** Virology - Sendouts

**Referred to:** LabCorp

HSV for Acyclovir: Lab Corp Test: 138370  
HSV for Foscarnet: Lab Corp Test: 138362

**Phone Numbers:** MIN Lab: 612-813-5806

STP Lab: 651-220-6555

**Test Availability:** Daily, 24 hours

**Turnaround Time:** 3 – 4 weeks

**Special Instructions:**

- Contact Virology Laboratory to forward viral isolate.
- Specify anti-viral to be tested

---

***Specimen***

**Specimen Type:**

- Actively growing isolate in tube with media (preferred)
- Swab in universal transport media (eye, genital, oral, urethral, vesicle or throat)

**Container:** Cell culture tube with CPE

**Special Processing:** Fill tube with media

**Transport/Storage:** Transport at room temperature in biohazard shipping container.

---

***Interpretive***

**Reference Range:** Accompanies report

**Methodology:** Plaque Reduction Assay

**References:** LabCorp Laboratories Web Page [www.labcorp.com](http://www.labcorp.com) July 2015

**Updates:** 5/7/2012: CPT and specimen updates.  
3/6/2014: CPT update.