
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: Labcorp Test: 138370
HSV for Foscarnet: Labcorp 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 viral 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 Test Catalog www.labcorp.com](http://www.labcorp.com) November 2023

Updates:
5/7/2012: CPT and specimen updates.
3/6/2014: CPT update.
11/14/2023: Reviewed. Changed universal transport media to viral transport media to match language in reference lab catalog.