

Overview

Method Name

High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)

NY State Available

Yes

Specimen

Specimen Type

Plasma EDTA

Specimen Required

\*\*\*Must submit one specimen per order. Specimens cannot be shared between multiple orders.\*\*\*

**Specimen Type:** Plasma

**Collection Container/Tube:** Lavender top or pink top (EDTA)

**Submission Container/Tube:** Plastic vial

**Specimen Volume:** 1 mL

Collection Instructions:

1. Draw blood in an EDTA (lavender top or pink top) tube(s). **Plasma gel tube is not acceptable.**
2. Centrifuge and send 1 mL of plasma refrigerated in a preservative-free plastic vial.

Specimen Minimum Volume

0.5 mL

Reject Due To

|       |                                          |
|-------|------------------------------------------|
| Other | Polymer gel separation tube (SST or PST) |
|-------|------------------------------------------|

Specimen Stability Information

| Specimen Type | Temperature              | Time     | Special Container |
|---------------|--------------------------|----------|-------------------|
| Plasma EDTA   | Refrigerated (preferred) | 30 days  |                   |
|               | Ambient                  | 30 days  |                   |
|               | Frozen                   | 120 days |                   |

Clinical & Interpretive

Reference Values

Reporting limit determined each analysis.

For using Acyclovir:  
Usual therapeutic range (vs. Genital Herpes) during chronic oral daily divided dosages of 1200 - 2400 mg:  
Peak: 0.40 - 2.0 mcg/mL plasma  
Trough: 0.14 - 1.2 mcg/mL plasma

For using Valacyclovir as a metabolite:  
Mean steady-state (+/- 1 SD) peak plasma levels following a 500 mg twice daily regimen  
of Valacyclovir:  
2.0-4.0 mcg Acyclovir/mL

### Performance

#### PDF Report

No

#### Day(s) Performed

Monday - Sunday

#### Report Available

9 to 11 days

#### Specimen Retention Time

2 weeks

#### Performing Laboratory Location

NMS Labs

### Fees & Codes

#### Fees

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact [Customer Service](#).

#### Test Classification

This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the U.S. Food and Drug Administration.

#### CPT Code Information

80299

LOINC® Information

| Test ID | Test Order Name   | Order LOINC® Value |
|---------|-------------------|--------------------|
| FACYS   | Acyclovir, Plasma | 9416-9             |

| Result ID | Test Result Name | Result LOINC® Value |
|-----------|------------------|---------------------|
| Z3531     | Acyclovir        | Not Provided        |