

**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)
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**Specimen Stability Information**

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

**Clinical & Interpretive****Reference Values**

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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

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**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