



# Test Definition: FACYS

Acyclovir, Plasma

## 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.\*\*\***

**Collection Container/Tube:** Lavender top or pink top (EDTA) (Plasma gel/PST are **not acceptable**)

**Submission Container/Tube:** Plastic vial

**Specimen Volume:** 1 mL Plasma

### Collections Instructions:

1. Centrifuge and aliquot 1 mL of plasma into a plastic vial.
2. Send refrigerated.

### Specimen Minimum Volume

Plasma: 0.5 mL

### Reject Due To

All specimens will be evaluated by the processing and performing laboratories for test suitability.

### Specimen Stability Information

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

## Clinical & Interpretive

### Clinical Information

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Refer to [www.nmslabs.com/test-catalog](http://www.nmslabs.com/test-catalog)

**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 through 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