

**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.\*\*\*

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**



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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 <u>Test Prices</u> for detailed fee information.
- Clients without access to Test Prices can contact <u>Customer Service</u> 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact <u>Customer Service</u>.

#### **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