MAYO CLINIC LABORATORIES

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

Refer to 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.

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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