



Test Definition: FACYS

Acyclovir, Plasma

Reporting Title: Acyclovir, Plasma

Performing Location: NMS Labs

Specimen Requirements:

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

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
Z3531	Acyclovir	Alphanumeric		Not Provided

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

80299

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