MAYO CLINIC LABORATORIES

Test Definition: FMETN

Metformin, 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) (Plasma gel tubes are **not acceptable**)
Submission Container/Tube: Plastic vial
Specimen volume: 1 mL
Collection instructions:
1. Draw blood in an EDTA (lavender top or pink top) tube.
2. Centrifuge and aliquot 1 mL of plasma into a preservative-free plastic vial.
3. Send refrigerated (preferred)
Specimen Stability Information: Refrigerated (preferred) 30 days/Ambient 30 days/Frozen 2 years

Specimen Minimum Volume
0.5 mL

Reject Due To

Polymer gel separation tube (SST or PST)	Reject

Specimen Stability Information

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

	Ambient	30 days	
	Frozen		

Clinical & Interpretive

Reference Values

Reporting limit determined each analysis.

Units: mcg/mL

Therapeutic range: Approximately 1-2 mcg/mL.
Metformin associated lactic acidosis generally has been associated with Metformin plasma concentrations exceeding 5 mcg/mL.

Performance

PDF Report

No

Day(s) Performed

Monday through Sunday

Report Available

6 to 12 days

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

Test Definition: FMETN

Metformin, Plasma

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
FMETN	Metformin, Plasma	35698-0

Result ID	Test Result Name	Result LOINC® Value
Z3525	Metformin	35698-0