

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

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             |