

**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             |