

**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
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**Specimen Stability Information**

Specimen Type	Temperature	Time	Special Container
Plasma EDTA	Ambient	30 days	

	Refrigerated (preferred)	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

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**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