

## Overview

### Testing Algorithm

Confirmation test, Ketamine and Metabolite Confirmation (FKETC), will be performed, if appropriate, at an additional charge.

### Reflex Tests

| Test Id | Reporting Name                     | Available Separately | Always Performed |
|---------|------------------------------------|----------------------|------------------|
| FKETC   | Ketamine and Metabolite Confirm, P | No                   | No               |

### Method Name

Gas Chromatography/Mass Spectrometry (GC/MS)

### NY State Available

Yes

## Specimen

### Specimen Type

Plasma EDTA

### Specimen Required

**Specimen Type:** Plasma

**Collection Container/Tube:** Lavender-top or pink top (EDTA)

**Specimen Volume:** 5 mL

**Collection Instructions:** Draw blood in an EDTA (lavender top or pink top) tube(s). **(Plasma gel tube is not acceptable.)**

Spin down and send 5 mL of plasma refrigerated in a preservative-free plastic vial.

### Reject Due To

|           |  |
|-----------|--|
| Hemolysis | NA                                       |
| Lipemia   | NA                                       |
| Icterus   | NA                                       |
| Other     | Polymer gel separation tube (SST or PST) |

### Specimen Minimum Volume

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2.4 mL

**Specimen Stability Information**

| Specimen Type | Temperature              | Time     | Special Container |
|---------------|--------------------------|----------|-------------------|
| Plasma EDTA   | Refrigerated (preferred) | 14 days  |                   |
|               | Frozen                   | 270 days |                   |
|               | Ambient                  | 14 days  |                   |

**Clinical & Interpretive****Reference Values**

Reporting limit determined each analysis

Units: ng/mL

Norketamine: None Detected

The intravenous administration of 2 mg/kg of Ketamine followed by continuous infusion of 41 mcg/kg/minute produced steady-state plasma concentration of 2200 ng Ketamine/mL and an average peak Norketamine level of 1050 ng/mL which occurred near the end of the 3 hour infusion.

Ketamine: None Detected

Reported levels during anesthesia: 500-6500 ng/mL

**Performance****PDF Report**

No

**Performing Laboratory Location**

NMS Labs

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**Fees & Codes****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**

80307-Screen

80357-Confirmation, if appropriate

**LOINC® Information**

| Test ID | Test Order Name                   | Order LOINC Value |
|---------|-----------------------------------|-------------------|
| FKEMS   | Ketamine and Metabolite Screen, P | Not Provided      |

| Result ID | Reporting Name | LOINC®       |
|-----------|----------------|--------------|
| Z6035     | Norketamine    | Not Provided |
| Z6036     | Ketamine       | Not Provided |