



# Test Definition: FKEMS

Ketamine and Metabolite Screen, Plasma

## Overview

### Reflex Tests

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

### Testing Algorithm

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

### 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)

**Submission Container/Tube:** Plastic vial

**Specimen Volume:** 3 mL

#### Collection Instructions:

1. Draw blood in an EDTA (lavender top or pink top) tube(s). **Plasma gel tube is not acceptable.**
2. Centrifuge and send 3 mL of plasma refrigerated in a preservative-free plastic vial.

### Specimen Minimum Volume

0.9 mL

### Reject Due To

Other	Polymer gel separation tube (SST or PST)
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### Specimen Stability Information

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

### Day(s) Performed

Monday through Sunday

### Report Available

6-12 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**

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	Test Result Name	Result LOINC® Value
Z6035	Norketamine	Not Provided
Z6036	Ketamine	42922-5