



MAYO
Mayo Medical Laboratories
1-800-533-1710

**NEW TEST ANNOUNCEMENT
REFERRAL**

NOTIFICATION DATE: April 21, 2014
EFFECTIVE DATE: May 20, 2014

KETAMINE AND METABOLITE SCREEN, SERUM/PLASMA
Test ID: FKMS

EXPLANATION: The following new orderable, referred to NMS Labs, will be available May 20, 2014. This test will replace Test ID FKEBS.

REFERRAL LAB CODE: 9188SP

REFLEX TESTS:

Test ID	Reporting Name	Available Separately	Always Performed
FKMSC	Ketamine and Metabolite Confirm	No	No

TESTING ALGORITHM:

If Ketamine and Metabolite Screen is positive, then Ketamine and Metabolite Confirm (FKMSC) will be performed at an additional charge.

METHODOLOGY:

Gas Chromatography/Mass Spectrometry (GC/MS)

REFERENCE VALUES:

Reporting limit determined each analysis

Units: ng/mL

Ketamine:

Synonym(s): Ketalar

Reported levels during anesthesia: 500-6500 ng/mL

Norketamine:

Synonym(s): Ketamine Metabolite

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.

SPECIMEN REQUIREMENTS:

Submit only 1 of the following specimens:

Serum

Draw blood in a plain, red-top tube(s). (Serum gel tube is not acceptable.)

Spin down and send 5 mL serum refrigerate in a plastic vial.

Plasma

Draw blood in a lavender-top (EDTA) tube(s) or green-top (heparin) tube(s). (Plasma gel tube is not acceptable.)

Spin down and send 5 mL EDTA or heparinized plasma refrigerate in a plastic vial.

SPECIMEN STABILITY INFORMATION:

Specimen Type	Temperature	Time
Varies	Refrigerated (preferred)	30 days
	Ambient	30 days
	Frozen	210 days

FEE: Screen = \$84.00

Reflex test will be performed at additional charge

FKMSC = \$135.00

CPT Code: 80100, 82542 (If applicable)

DAY(S) SET UP: Tuesday, Thursday

ANALYTIC TIME: 7 days

QUESTIONS: Contact Mary Erath, MML Referrals Supervisor
Telephone: 800-533-1710