
Reporting Title: Ketamine and Metabolite Screen, P
Performing Location: NMS Labs**Specimen Requirements:**

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

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

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
Z6035	Norketamine	Alphanumeric		Not Provided
Z6036	Ketamine	Alphanumeric		42922-5

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

80307-Screen

80357-Confirmation, if appropriate

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
FKETC	Ketamine and Metabolite Confirm, P			No	No

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
FKETC	Z6037	Norketamine	Alphanumeric		Not Provided
FKETC	Z6038	Ketamine	Alphanumeric		Not Provided

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