MAYO CLINIC LABORATORIES

Test Definition: FCLMS

Clonazepam and Metabolite, Serum

Overview

Method Name
High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

NY State Available
Yes

Specimen

Specimen Type
Serum Red

Specimen Required
*****Must submit one specimen per order. Specimens cannot be shared between multiple orders.*****
Specimen Type: Serum
Collection Container/Tube: Red top
Submission Container/Tube: Plastic, preservative-free vial
Specimen Volume: 1 mL
Collection Instructions: Centrifuge and send 1 mL of serum refrigerated in a plastic vial.

Specimen Minimum Volume
0.3 mL

Reject Due To

Received room temperature	Reject
Polymer gel separation tube (SST or PST)	Reject

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Serum Red	Refrigerated (preferred)	14 days	
	Frozen	30 days	

Clinical & Interpretive

Reference Values
Reporting limit(s) determined each analysis.
Clonazepam: None detected
7-Amino Clonazepam: None detected

Interpretation
Clonazepam:
Dose and route: average concentration and time
-Single 2 mg IM: peak 11 ng/mL at 3.1 hr
-Single 2 mg oral: peak 15 ng/mL at 1.7 hr
-Daily 6 mg oral: 29-75 ng/mL
-Half-life: approximately 19-60 hr

7-Amino Clonazepam:
Clonazepam dose and route: average 7-amino clonazepam plasma concentration
-Daily 6 mg oral: 23-137 ng/mL

Performance

PDF Report
No

Day(s) Performed
Monday through Sunday

Report Available
7 to 11 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.

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CPT Code Information

80299

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
FCLMS	Clonazepam and Metabolite, S	Not Provided

Result ID	Test Result Name	Result LOINC® Value
Z6336	Clonazepam	3494-2
Z6337	7-Amino Clonazepam	28059-4