MAYO CLINIC LABORATORIES

Test Definition: FMEP

Meperidine (Demerol) and Normeperidine, serum

Overview

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

NY State Available
Yes

Specimen

Specimen Type
Varies

Specimen Required
Submit only 1 of the following specimens:

Plasma
Draw blood in a green-top (sodium heparin) tube(s). Plasma gel tube is not acceptable. Spin down and send 3 mL of sodium heparin plasma refrigerated in a plastic vial.

Serum
Draw blood in a plain red-top tube(s). Serum gel tube is not acceptable. Spin down and send 3 mL of serum refrigerated in a plastic vial.

Specimen Minimum Volume
0.6 mL

Reject Due To

Hemolysis	NA
Lipemia	NA
Icterus	NA
Other	NA

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Varies	Refrigerated (preferred)	14 days	
	Ambient	72 hours	

	Frozen	180 days	

Clinical & Interpretive

Clinical Information

Category: Narcotic Analgesic

Reference Values

Meperidine:
Reference Range: 400 - 700 ng/ml

Normeperidine: No reference range provided

Performance

PDF Report

No

Day(s) Performed

Monday through Sunday

Report Available

5 to 9 days

Specimen Retention Time

2 weeks

Performing Laboratory Location

Medtox Laboratories, Inc.

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.

CPT Code Information

80362

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LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
FMEP	Meperidine (Demerol)	68314-4

Result ID	Test Result Name	Result LOINC® Value
Z1132	Meperidine	73934-2
Z1159	Normeperidine	73933-4