MAYO CLINIC LABORATORIES

Test Definition: FROPI

Ropivacaine, Serum/Plasma

Overview

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

NY State Available
Yes

Specimen

Specimen Type
Varies

Specimen Required
*****Must submit one specimen per order. Specimens cannot be shared between multiple orders.*****
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 1 mL serum refrigerate in a plastic vial.

Plasma
Draw blood in a lavender-top (EDTA) or pink top tube(s). (Plasma gel tube is not acceptable.) Spin down and send 1 mL plasma refrigerate in plastic vial.

Specimen Minimum Volume
0.4 mL

Reject Due To

Thawing:	Warm OK; Cold OK
Other:	Polymer gel separation tube (SST or PST)

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Varies	Refrigerated (preferred)	30 days	
	Frozen	90 days	
	Ambient	30 days	

Clinical & Interpretive

Reference Values

Reporting limit determined each analysis.

Following epidural administration 10 mg/hr, 20 mg/hr and 30 mg/hr, mean plasma concentration of 0.39, 0.88, 1.19 mcg/mL at 21 hours respectively.
Bolus I.V. administration 84 mg/70 kg and 131 mg/70 kg, peak plasma concentrations of 1.1 and 1.7 mcg/mL at 2 minutes respectively.

Performance

PDF Report

No

Day(s) Performed

Monday through Sunday

Report Available

6 to 10 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

80299

LOINC® Information

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Test ID	Test Order Name	Order LOINC® Value
FROPI	Ropivacaine	51203-8

Result ID	Test Result Name	Result LOINC® Value
Z2296	Ropivacaine	51203-8
Z2297	Reporting Limit	19147-8