MAYO CLINIC LABORATORIES

Test Definition: FRISP

Risperidone (Risperdal) and
9-Hydroxyrisperidone

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

Specimen Type: Plasma (Preferred)
Container/Tube: Green-top (sodium heparin) tube(s).
Specimen volume: 3 mL
Collection Instructions: Draw blood in a green-top (sodium heparin) tube(s), plasma gel tube is not acceptable. Spin down and send 3 mL sodium heparin plasma refrigerated in a plastic vial.

Serum

Specimen Type: Serum
Container/Tube: Red-top tube, serum gel is not acceptable.
Specimen volume: 3 mL
Collection Instructions: 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)	7 days	
	Ambient	72 hours	
	Frozen	180 days	

Clinical & Interpretive

Reference Values

Units: ng/mL

Expected steady state concentrations of risperidone and 9-hydroxyrisperidone (combined total) in patients receiving recommended daily dosages: 10 - 120 ng/mL.

Performance

PDF Report

No

Day(s) Performed

Monday through Sunday

Report Available

3 to 7 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.

Test Classification

This test was developed and its performance characteristics determined by LabCorp. It has not been cleared or approved by the Food and Drug Administration.

CPT Code Information

80342

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
FRISP	Risperidone and Metabolite	55157-2

Result ID	Test Result Name	Result LOINC® Value
Z1183	Risperidone (Risperdal)	9393-0
Z1056	9-Hydroxyrisperidone	9383-1
Z1057	Combined Total	9394-8