

Risperidone Level

Order Name: **RISPERIDON**
Test Number: 3656300
Revision Date: 12/12/2022

TEST NAME	METHODOLOGY	LOINC CODE
Risperidone Level	Quantitative Liquid Chromatography/Tandem Mass Spectrometry	9393-0
9-Hydroxyrisperidone Level	Quantitative Liquid Chromatography/Tandem Mass Spectrometry	9383-1
Risperidone Total	Calculation	9394-8

SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (mL)	Specimen Type	Specimen Container	Transport Environment
Preferred	3 mL (1.1 mL)	Serum	Clot Activator (Red Top, No-Gel)	Room Temperature
Instructions	<p>Specimen Type: Red-top tube; DO NOT USE A GEL-BARRIER TUBE. The use of gel-barrier tubes is not recommended due to slow absorption of the drug by the gel. Depending on the specimen volume and storage time, the decrease in drug level due to absorption may be clinically significant.</p> <p>Specimen Storage: Maintain specimen at room temperature</p> <p>Specimen Collection: Collect specimen just prior to the next dose (trough level).</p> <p>Specimen Stability: Ambient: 14 days, Refrigerated : 14 days, Frozen: 14 days</p>			

GENERAL INFORMATION

Expected TAT	3 - 5 days
Clinical Use	Therapeutic drug monitoring for effective therapy. Risperidone is rapidly converted into its hydroxy metabolite in the liver. Peak concentration of risperidone occurs in about 1 hour following oral administration and for 9-hydroxyrisperidone the peak level is reached at 3 hours (17 hours for poor metabolizers). The elimination half-life of risperidone is 3 hours (20 hours for poor metabolizers), and is 21 hours of hydroxyrisperidone (30 hours for poor metabolizers).
Performing Labcorp Test Code	716563
Notes	Labcorp Test Code: 716563
CPT Code(s)	80342
Lab Section	Reference Lab