TEST CHANGE

Quetiapine, Serum or Plasma

2003118, QUETIAP

Specimen Requirements:	
Patient Preparation:	
Collect:	Plain red. Also acceptable: Lavender (K 2~~K2~~ or K 3 EDTA~~K3EDTA~~) or pink (K 2~~K2~~ EDTA).
Specimen Preparation:	Separate serum or plasma from cells within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.5 mL)
Transport Temperature:	Refrigerated.
Unacceptable Conditions:	Whole blood. Gel separator tubes, light blue (citrate), or yellow (SPS or ACD solution).
Remarks:	
Stability:	Ambient: 24 hours; Refrigerated: 2 weeks; Frozen: 4 months
Methodology:	Quantitative Liquid Chromatography-Tandem Mass Spectrometry
Performed:	Wed
Reported:	1-8 days
Note:	
CPT Codes:	80342 (Alt code: G0480)
New York DOH Approval Status:	This test is New York DOH approved.

Interpretive Data:

The therapeutic range is based on serum pre-dose (trough) draw at steady-state concentration.~~Quetiapine is an antipsychotic drug indicated for the treatment of schizophrenia and bipolar disorder.~~ The pharmacokinetics of quetiapine are influenced by drug-drug interactions that may inhibit or induce CYP3A4 metabolism. Adverse effects to quetiapine therapy may include somnolence, hypotension, dizziness, neuroleptic malignant syndrome, tardive dyskinesia, and~~fatigue, constipation,~~ weight gain.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA -certified laboratory and is intended for clinical purposes.

Reference Interval:

Effective Date: November 14, 2022

Therapeutic Range:	100-1000 ng/mL
Toxic:	Greater than 1000 ng/mL