TEST CHANGE

Amiodarone and Metabolite

0090161, AMIOD

Specimen Requirements:	
Patient Preparation:	Timing of specimen collection: Predose (trough) draw - at steady state concentration.
Collect:	Plain red. Also acceptable: Lavender (K2 or K3EDTA) or pink (K2EDTA).
Specimen Preparation:	Separate serum or plasma from cells ASAP or within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP amber standard transport tube to protect from light. Freeze immediately (Min: 0.5 mL)
Transport Temperature:	Critical Frozen. Additional specimens must be submitted when multiple tests are ordered.
Unacceptable Conditions:	Whole blood. Gel separator tubes, light blue (citrate), or yellow (SPS or ACD solution). Refrigerated or room temperature specimens.
Remarks:	
Stability:	After separation from cells: Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 1 year
Methodology:	Quantitative Liquid Chromatography-Tandem Mass Spectrometry
Performed:	Mon, Tue, Thu, Fri, Sat
Reported:	1-74 days
Note:	
CPT Codes:	80151
New York DOH Approval Status:	This test is New York DOH approved.

Interpretive Data:

Toxic concentrations may exacerbate arrhythmias, cause liver and lung toxicity, and thyroid dysfunction. The concentration of desethylamiodarone, an active major metabolite, is also reported but no therapeutic range is established. At steady-state, the metabolite concentration is similar to the amiodarone concentration.

Reference Interval:

Therapeutic Range	0.5-2.0 ug/mL
Toxic Level	Greater than 2.5 ug/mL