## TEST CHANGE

# Mexiletine, Serum or Plasma

2011539, MEXILE

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| Specimen Requirements: | |
| Patient Preparation: | |
| Collect: | Serum Pre-dose (Trough) Draw - At a Steady State Concentration or Plasma Pre-dose (Trough) Draw - At a Steady State Concentration in Plain Red, Lavender (K2EDTA), Lavender (K3EDTA), or Pink (K2EDTA). |
| Specimen Preparation: | Separate from cells ASAP or 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 (Sodium Citrate), or Yellow (SPS or ACD Solution). |
| Remarks: | |
| Stability: | Ambient: 48 hours; Refrigerated: 5 days; Frozen: 2 months |
| Methodology: | Quantitative Liquid Chromatography-Tandem Mass Spectrometry |
| Performed: | Mon, Thu, Sat |
| Reported: | 1-8~~5~~ days |
| Note: | |
| CPT Codes: | 80299 |
| 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. Toxic concentrations may cause hypotension, tremor and cardiac abnormalities.

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 November 12, 2018

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