

HOTLINE: Effective May 18, 2020

New Test **3002508** **Clobazam and Metabolite, Quantitative, Serum or Plasma** **CLOBAZAM**

Methodology: Quantitative High Performance Liquid Chromatography/Tandem Mass Spectrometry
Performed: Mon, Wed, Sat
Reported: 1-4 days

Specimen Required: Collect: Plain Red, Lavender (K₂ or K₃EDTA) or Pink (K₂EDTA).
Specimen Preparation: Separate from cells ASAP or within two hours of collection. Transfer 2 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.3 mL)
Storage/Transport Temperature: Refrigerated. Also acceptable: Room temperature or frozen.
Unacceptable Conditions: Gel separator tubes. Hemolyzed specimens.
Stability (collection to initiation of testing): Ambient: 3 days; Refrigerated: 2 weeks; Frozen: 2 months (Avoid repeated freeze thaw cycles)

Reference Interval: By report

Available Separately	Components	Therapeutic and Toxic Range
No	Clobazam	Therapeutic Range: 30 – 300 ng/mL Toxic: Greater than 500 ng/mL
No	N-Desmethyclobazam	Therapeutic Range: 300 – 3000 ng/mL Toxic: Greater than 5000 ng/mL

Interpretive Data: Clobazam is a benzodiazepine drug indicated for adjunctive treatment for seizures associated with Lennox-Gastaut syndrome in patients 2 years and older. The therapeutic range is based on serum, pre-dose (trough) draw collection at steady-state concentration. The pharmacokinetics of clobazam are influenced by drug-drug interactions and by poor CYP2C19 metabolism. Adverse effects may include constipation, somnolence, sedation, and skin rash. The concomitant use of clobazam with other central nervous system (CNS) depressants may increase the risk of somnolence and sedation. See Compliance Statement B: www.aruplab.com/CS

CPT Code(s): 80339 (Alt code: G0480)

New York DOH Approved.

HOTLINE NOTE: Refer to the Test Mix Addendum for interface build information.