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**Lab Dept:** Chemistry

**Test Name:** LORAZEPAM LEVEL

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***General Information***

**Lab Order Codes:** LORA

**Synonyms:** Ativan®

**CPT Codes:** G0480 – Drug, test, definitive

**Test Includes:** Lorazepam level reported in ng/mL.

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***Logistics***

**Test Indications:** Monitor therapeutic anticonvulsant, sedative

**Lab Testing Sections:** Chemistry - Sendouts

**Referred to:** MedTox Laboratories (MedTox Test: 64)

**Phone Numbers:** MIN Lab: 612-813-6280

STP Lab: 651-220-6550

**Test Availability:** Daily, 24 hours

**Turnaround Time:** 1 – 5 days

**Special Instructions:** Trough levels are most reproducible.

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***Specimen***

**Specimen Type:** Blood

**Container:** Red top NO GEL tube  
Alternate: Green top NO GEL (Li Heparin) tube

**Draw Volume:** 6 mL (Minimum: 1 mL) blood

**Processed Volume:** 2 mL (Minimum 0.3 mL) serum/plasma

**Note:** Submission of the minimum volume results in an elevated reporting range and inability to repeat analysis.

**Collection:** Routine venipuncture

<b>Special Processing:</b>	Lab Staff: Centrifuge specimen, remove serum/plasma aliquot into a screw-capped round bottom plastic vial. Store and ship at refrigerated temperatures. Forward promptly.
<b>Patient Preparation:</b>	None
<b>Sample Rejection:</b>	Mislabeled or unlabeled specimens

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### ***Interpretive***

<b>Reference Range:</b>	50.0 – 240.0 ng/mL
<b>Critical Values:</b>	>500.0 ng/mL
<b>Limitations:</b>	Reporting limit: <10.0 ng/mL
<b>Methodology:</b>	Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)
<b>References:</b>	<a href="#">MedTox Laboratories Web Page</a> (November 2012)
<b>Updates:</b>	CPT Update: Previously reported as 80154 – Benzodiazepines. 11/5/2012: Method update, previously listed Gas Chromatography/Electron Capture Detection (GC-EC). 1/7/2015: CPT update 2/4/2016: CPT update 11/4/2016: Tube update, CPT update