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**Lab Dept:** Chemistry

**Test Name:** THIOPENTAL LEVEL

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***General Information***

**Lab Order Codes:** THIOP

**Synonyms:** Pentothal

**CPT Codes:** 82491 – Chromatography, quantitative, column; single analyte not elsewhere specified, single stationary and mobile phase

**Test Includes:** Thiopental level measured in ug/mL.

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***Logistics***

**Test Indications:** N/A

**Lab Testing Sections:** Chemistry - Sendouts

**Referred to:** MedTox Laboratories (MedTox Test: 334)

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

STP Lab: 651-220-6550

**Test Availability:** Daily, 24 hours

**Turnaround Time:** 1-2 days

**Special Instructions:** N/A

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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: 2 mL) blood

**Processed Volume:** 2 mL (Minimum: 0.2 mL) plasma/serum

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

<b>Collection:</b>	Routine venipuncture
<b>Special Processing:</b>	Lab Staff: Centrifuge specimen, remove plasma/serum 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>	4.0 – 60.0 ug/mL
<b>Critical Values:</b>	>100.0 ug/mL
<b>Limitations:</b>	Reporting limit: 1.0 ug/mL
<b>Methodology:</b>	Gas chromatography/Flame ionization detection (GC-FID)
<b>References:</b>	<a href="#">Medtox Laboratories</a> December 2017
<b>Updates:</b>	5/6/2010: CPT update, previously listed as 82205 – Barbiturates, not elsewhere specified 11/16/2016: Tube update to NO GEL.