
Lab Dept: Chemistry

Test Name: THIOPENTAL LEVEL

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.

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

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.

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

Interpretive

Reference Range:	4.0 – 60.0 ug/mL
Critical Values:	>100.0 ug/mL
Limitations:	Reporting limit: 1.0 ug/mL
Methodology:	Gas chromatography/Flame ionization detection (GC-FID)
References:	Medtox Laboratories October 2014
Updates:	5/6/2010: CPT update, previously listed as 82205 – Barbiturates, not elsewhere specified 11/16/2016: Tube update to NO GEL.