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 December 2017

Updates: 5/6/2010: CPT update, previously listed as 82205 – Barbiturates, not

elsewhere specified

11/16/2016: Tube update to NO GEL.