
Lab Dept: Chemistry

Test Name: THIOCYANATE LEVEL

General Information

Lab Order Codes: THI

Synonyms: Nitroprusside metabolite

CPT Codes: 84430 - Thiocyanate

Test Includes: Thiocyanate level reported in mg/dL.

Logistics

Test Indications: Useful for evaluating nitroprusside therapy.

Lab Testing Sections: Chemistry - Sendouts

Referred to: MedTox Laboratories (MedTox Test:118)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 day

Special Instructions: Levels should be considered daily for the duration of prolonged nitroprusside therapy.

Specimen

Specimen Type: Blood

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

Draw Volume: 3 mL (Minimum: 0.6 mL) blood

Processed Volume: 1 mL (Minimum: 0.2 mL) serum/plasma

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

Collection:	Routine venipuncture
Special Processing:	Lab Staff: Centrifuge specimen, remove serum/plasma aliquot from cells as soon as possible. Aliquot should be stored in a screw-capped round bottom plastic vial. Ship and store at refrigerated temperatures. Forward promptly.
Patient Preparation:	None
Sample Rejection:	Mislabeled or unlabeled specimens

Interpretive

Reference Range:	N/A
Critical Values:	>10.0 mg/dL
Limitations:	Reporting limit: 0.6 mg/dL
Methodology:	Spectrophotometry (SPEC)
References:	MedTox Laboratories August 2015
Updates:	11/16/2016: Tube update to NO GEL.