
Lab Dept: Chemistry
Test Name: METHANOL LEVEL

General Information

Lab Order Codes: MALC
Synonyms: Methyl Alcohol, whole blood
CPT Codes: 80320 – Alcohols
Test Includes: Methanol level reported in mg/dL.

Logistics

Test Indications: Evaluate exposure to methanol
Lab Testing Sections: Chemistry - Sendouts
Referred to: MedTox Laboratories (MedTox Test: 7)
Phone Numbers: MIN Lab: 612-813-6280
STP Lab: 651-220-6550
Test Availability: Daily, 24 hours
Turnaround Time: 1 day from time of specimen pick up, additional time may be required for confirmatory testing.
Special Instructions: N/A

Specimen

Specimen Type: Whole blood
Container: Gray top (K-oxalate/Na Fluoride) tube
Draw Volume: 1 mL (Minimum: 0.3 mL) blood. Tubes should be filled to prevent loss of volatile compound into headspace.
Note: Submission of the minimum volume results in an elevated reporting limit and inability to repeat analysis.
Processed Volume: Same as Draw Volume

Collection:	Routine venipuncture
Special Processing:	Lab Staff: Do Not centrifuge. Ship specimen at refrigerated temperatures in original collection container. Forward promptly.
Patient Preparation:	None
Sample Rejection:	Mislabeled or unlabeled specimen

Interpretive

Reference Range:	None detected
Critical Values:	≥ 20.0 mg/dL
Limitations:	Reporting limit: 1.5 mg/dL
Methodology:	Gas Chromatography/ Flame ionization Detection (GC-FID)
References:	MedTox Laboratories December 2023
Updates:	1/5/2015: CPT update. 8/10/2015: Critical value update 2/1/2016: CPT update 12/18/2017: Critical value update, previously listed as >3 mg/dL 12/28/2023: Updated minimum volume and clarified turnaround time is from time of specimen pick up. Confirmed critical value.