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**Lab Dept:** Chemistry

**Test Name:** METHANOL LEVEL

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***General Information***

**Lab Order Codes:** MALC

**Synonyms:** Methyl Alcohol

**CPT Codes:** 80320 – Alcohols  
OR  
G0480 – Drug, test, definitive

**Test Includes:** Methanol level reported in mg/dL.

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***Logistics***

**Test Indications:** Detection of volatile, poison in blood.

**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

**Special Instructions:** N/A

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***Specimen***

**Specimen Type:** Whole blood

**Container:** Gray top (K-oxalate/Na Fluoride) tube

**Draw Volume:** 1 mL (Minimum: 0.2 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

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

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### ***Interpretive***

<b>Reference Range:</b>	None detected
<b>Critical Values:</b>	>20.0 mg/dL
<b>Limitations:</b>	Reporting limit: 1.5 mg/dL
<b>Methodology:</b>	Gas Chromatography/ Flame ionization Detection (GC-FID)
<b>References:</b>	<a href="#">MedTox Laboratories</a> December 2017
<b>Updates:</b>	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