

**Overview****Method Name**

Headspace Gas Chromatography/Flame Ionization Detection (GC-FID)

**NY State Available**

Yes

**Specimen****Specimen Type**

WB Sodium Heparin

**Specimen Required**

Draw blood in 2 green top (sodium heparin) tubes. Tubes should be filled to prevent loss of volatile compound into headspace. Send 20 mL of sodium heparin whole blood refrigerated.

**Specimen Minimum Volume**

5 mL

**Reject Due To**

Hemolysis	NA
Lipemia	NA
Icterus	NA
Other	NA

**Specimen Stability Information**

Specimen Type	Temperature	Time	Special Container
WB Sodium Heparin	Refrigerated (preferred)	14 days	
	Frozen	365 days	

**Clinical & Interpretive****Reference Values**

Units: mg/L

Normal (unexposed population): None detected

**Exposed:**

Biological Exposure Index (BEI): 0.05 mg/L (prior to last shift of workweek)

Biological Tolerance Value (BAT): 1.0 mg/L (end of exposure or end of shift)

**Toxic:**

Blood levels between 50 and 79 mg/L were found in people who died of acute toluene inhalation.

**Performance****PDF Report**

No

**Day(s) Performed**

Monday through Sunday

**Report Available**

7 to 11 days

**Specimen Retention Time**

2 weeks

**Performing Laboratory Location**

Medtox Laboratories, Inc.

**Fees & Codes****Fees**

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact [Customer Service](#).

**CPT Code Information**

84600

**LOINC® Information**

Test ID	Test Order Name	Order LOINC® Value
FFTLB	Toluene, Blood	9637-0

Result ID	Test Result Name	Result LOINC® Value
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Z1203	Toluene	9637-0
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