MAYO CLINIC LABORATORIES

Test Definition: FFTLB

Toluene, Occupational Exposure, Blood

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

Z1203	Toluene	9637-0