

Reporting Title: Benzene, Blood**Performing Location:** Medtox Laboratories, Inc.**Specimen Requirements:**

Draw blood in a green-top (sodium heparin) tube(s) and send 20 mL in two tubes of sodium heparin whole blood refrigerated. Blood should be drawn at end of shift. Tubes should be filled to prevent loss of volatile compound into headspace.

Specimen Minimum Volume:

2.5 mL (in two tubes)

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

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
Z1153	Benzene	Alphanumeric		9330-2

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

84600

Reference Values:

Units: mg/L

Normal (unexposed population):

None detected

Exposed (end-of-shift):

Blood benzene concentrations of greater than 0.1 mg/L correlate with exposure to greater than 10 ppm benzene in air.

Toxic:

Blood benzene concentrations greater than 0.90 mg/L have been observed in fatal cases of benzene exposure.

