

## **LAB56 Carboxyhemoglobin**

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BMC, CRH, LFH, OCH, FTT, FOX

### **Performing Location(s)**

BMC, CRH, LFH, OCH, FTT, FOX

### **Specimen Type**

Whole Blood

### **Preferred Container**

Heparin coated syringe

### **Alternate Container**

Lithium Heparin (Short Dark Green top tube or mint Green unspun) at room temperature.

**DO NOT CENTRIFUGE GREEN TOP TUBE**

### **Minimum Volume to Submit for Testing**

2.0 mL Whole Blood

### **Transportation Needs**

Deliver ASAP.

**Do not** send green top tubes through pneumatic tube system.

**Do not** centrifuge.

Deliver within 30 minutes after collection at room temperature.

**Stable 72 hours at room temperature or refrigerated.**

### **Causes for Rejection**

Mislabeled or unlabeled specimen

Less than 50% draw for vacutainer tubes

Specimen not received within 72 hours of collection

Specimen contaminated with room air (bubbles in syringe or uncapped)

Clotted or Centrifuged

Pneumatic tube transport of green top tubes

All other tubes or anticoagulant other than lithium heparin whole blood

No Add-ons

### **Reference Values**

<b>Population</b>	<b>Units</b>	<b>Reference Range</b>	<b>High Critical Value</b>
Non Smokers	%	< 7.0	30.0
Moderate Smokers	%	< 10.0	
CO Poisoning	%	20	

### **Available STAT**

Yes

**Methodology**  
CO-oximetry

**CPT Code**  
82375