



## Methemoglobin

<b>Alternate Name:</b>	None
<b>Performing Lab:</b>	New Hanover and Cape Fear
<b>Specimen Container:</b>	Heparinized syringe
<b>Minimum Volume Required:</b>	1.0 mL
<b>Testing Availability</b>	<b>Routine:</b> 24 hours/day <b>Stat:</b> Yes
<b>Turnaround Time:</b>	Routine: 4 hours Stat: < 1 hour
<b>Special Handling:</b>	All specimens should be on ice and delivered to the laboratory immediately.
<b>Patient Preparation:</b>	None
<b>Specimen Stability:</b>	
<b>Reference Range:</b>	0.4 – 1.5%
<b>Critical Value:</b>	N/A
<b>CPT Code:</b>	83050
<b>Testing Methodology:</b>	Spectrophotometry
<b>Causes for Specimen Rejection:</b>	Improper labeling. Specimen not on ice. Specimen clotted.
<b>Other Comments:</b>	
<b>Clinical Significance:</b>	Determine the extent of carbon monoxide poisoning, toxicity; check on the effect of smoking on the patient; work up headache, irritability, nausea, vomiting, vertigo, dyspnea, collapse, coma, convulsions; work up persons exposed to fires and smoke inhalation.