

## Highly Sensitive C-Reactive Protein



<b>Alternate Name:</b>	CRP, Cardio CRP, CRP Quantitative
<b>Performing Lab:</b>	New Hanover
<b>Specimen Container:</b>	Yellow, green (lithium heparin) or red tube Yellow, green, or red microtainer
<b>Minimum Volume Required:</b>	2.0 mL whole blood 500 uL whole blood from microtainer
<b>Testing Availability</b>	<b>Routine:</b> 24 hours/day <b>Stat:</b> No
<b>Turnaround Time:</b>	Routine: 4 hours
<b>Special Handling:</b>	None
<b>Patient Preparation:</b>	None
<b>Specimen Stability:</b>	
<b>Reference Range:</b>	<0.33 mg/dL
	Relative Cardiovascular Risk Category and Average HS-CRP Level:  Low Risk: < 0.10 mg/dL Average Risk: 0.10 – 0.33 mg/dL High Risk: >0.33 mg/dL
<b>Critical Value:</b>	N/A
<b>CPT Code:</b>	86140
<b>Testing Methodology:</b>	Particle enhanced turbidimetric Immunoassay (PETIA)
<b>Causes for Specimen Rejection:</b>	Improper labeling
<b>Other Comments:</b>	
<b>Clinical Significance:</b>	Increased CRP levels are found in inflammatory conditions including: bacterial infection, rheumatic fever, active arthritis, myocardial infarction,

malignancies and post- operative state. This test cannot detect the relatively small elevations of CRP that are associated with increased cardiovascular risk.