



## Porter Hospital Laboratory

115 Porter Drive  
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# TEST UPDATE

June 11, 2010

## C-reactive Protein – High Sensitivity

Beginning June 28, 2010, Porter Hospital Laboratory will begin in-house testing for High Sensitivity C-reactive Protein (CRP) which is currently performed at Fletcher Allen Health Care.

The new testing will be performed on the Siemens Dimension X-pand® platform using the Dimension® CardioPhase® High Sensitivity C-reactive Protein method. This method has been approved for the quantitative determination of CRP which is useful in the detection and evaluation of infection, tissue injury, inflammatory disorders, and associated diseases. Cardiovascular disease is one of the disease states that can trigger an inflammatory response. Measurement of CRP by *highly sensitive* assays, when used in conjunction with traditional clinical laboratory evaluation of acute coronary syndromes, may be useful as an independent marker of prognosis for recurrent events in patients with stable coronary disease or acute coronary syndromes.<sup>1</sup>

**Method:** The Dimension® CardioPhase® High Sensitivity C. Reactive Protein method is a highly sensitive, colorimetric immunoassay that measures C-reactive protein.

### Interpretation of results:

<u>Risk</u>	<u>hsCRP (mg/L)</u>
Low	<1.0
Average	1.0 – 3.0
High	>3.0

**Ordering specifics:**

<b>Test Name:</b>	CRP – HS (Cardiac)
<b>Sample Requirements:</b>	Gel/Red/or Green Top Tube
<b>Volume Required:</b>	0.5 ml serum or plasma
<b>Minimum Volume:</b>	0.2 ml. serum or plasma
<b>Days Performed:</b>	Daily
<b>Analytical Time:</b>	Same Day
<b>CPT Code:</b>	86141
<b>Price:</b>	\$79.00

*Reference:* Dimension CardioPhase High Sensitivity C-Reactive Protein, Frequently Asked Questions, Siemens, December 2008.