

## Test Changes

Effective 1/9/06

### 8934 C-Reactive Protein High Sensitivity (HS-CRP), Serum

Component	Method	Reference Range	Units										
N/A	Immunoassay	See Interpretive Text	mg/L										
Specimen Requirements		0.2 mL serum is the specimen of choice. Fasting specimens are preferred. Plain red top or SST tubes are acceptable. EDTA, Li Heparin, or Na Heparin tubes are also acceptable. Refrigerate at 2-8 Deg C for up to 72 hours. For longer storage, serum may be frozen. Do not freeze plasma samples.											
Schedule		Monday through Friday											
Interpretive Text		<p>For assessment of risk of cardiovascular disease in adults, the CDC and AHA recommend the following guidelines based on average of two test results, two weeks apart in metabolically stable patients:</p> <table border="0" style="margin-left: 40px;"> <thead> <tr> <th style="text-align: left;"><u>Cardiovascular Disease Risk</u></th> <th style="text-align: left;"><u>HSCRp mg/L</u></th> </tr> </thead> <tbody> <tr> <td>Low</td> <td>&lt;1.0</td> </tr> <tr> <td>Average</td> <td>1.0 - 3.0</td> </tr> <tr> <td>High</td> <td>&gt; 3.0 - 10.0</td> </tr> <tr> <td>Indeterminate</td> <td>&gt; 10.0</td> </tr> </tbody> </table> <p>If HSCRp level is &gt; 10.0 mg/L, patient should be evaluated for possible sources of infection or inflammation. Repeat HSCRp may also be appropriate.</p>		<u>Cardiovascular Disease Risk</u>	<u>HSCRp mg/L</u>	Low	<1.0	Average	1.0 - 3.0	High	> 3.0 - 10.0	Indeterminate	> 10.0
<u>Cardiovascular Disease Risk</u>	<u>HSCRp mg/L</u>												
Low	<1.0												
Average	1.0 - 3.0												
High	> 3.0 - 10.0												
Indeterminate	> 10.0												
Ordering Code		<b>HSCRp</b>											
CPT Code		86141											

\* The lab at MGHS will be switching methods for High sensitivity CRP and will be reporting in different units. This is being done to conform with CDC and AHA guidelines. Previous results were reported in mg/dL. To convert previous results to current reporting units, multiply by 10 (mg/dL X 10 = mg/L). After allowing for different reporting units, previous method and new method compare very closely over the entire measurement range. The new method shows better precision at the low end and should provide better accuracy for the "low" and "average" risk categories. This test replaces previous order code CRPHS.

**5880 Helicobacter Pylori IgG, IgM, & IgA**

<b>Component</b>	<b>Method</b>	<b>Reference Range</b>	<b>Units</b>
HPIGG	EIA	<0.8	Index
HPIGM	EIA	<0.8	Index
HPIGA	EIA	<0.8	Index
Order Code	<b>IUE</b>		
Interpretation	Negative <0.8 Borderline 0.8-1.0 Positive > 1.0		

\*Reference Range Change.