Des Moines Laboratory Update

Date: June 15, 2020

**The transition to high-sensitivity troponin will occur June 17, 2020.**

Test Name: High-Sensitivity Troponin I  
Performing Laboratory: MercyOne Des Moines Laboratory  
CPT: 84484  
Specimen Requirements: Green (lithium heparin)  
Minimum Volume: 0.5 mL  
Stability:  
  - Room Temp: 8 hrs  
  - Refrigerated: 24 hrs  
  - Freeze: > 24 hrs up to 40 days at -20ºC  
Rejection Criteria: Samples types other than green (lithium heparin)  
Test Methodology: Chemiluminescent immunoassay  
Normal Range:  
  - Male: < 53 ng/L  
  - Female: < 34 ng/L  
Reportable Range: 3 ng/L to 125,000 ng/L  
Client List Price: $27.50  
Patient/Insurance Price: $30.00  

**Other Notes:**  
MercyOne Des Moines laboratory has worked diligently with the Emergency and Cardiology teams to develop an algorithm that will help rule AMI in/out using the high-sensitivity troponin assay. The benefit of the high-sensitivity assay is defining the delta of serial troponin levels quicker in patients with AMI. The high-sensitivity assay is measured in ng/L, which equates to 1 pg/mL or 0.001 ng/mL. Earlier detection of myocardial injury will allow for better triage or disposition and better patient prognosis.

<table>
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<tr>
<th>Test Description</th>
<th>Order Code</th>
<th>CPT Code</th>
<th>Result code</th>
<th>Result 9 character translation code</th>
<th>LOINC code</th>
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<td>84484</td>
<td>Troponin I High Sens</td>
<td>Hs Tnl</td>
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Please contact Andrea Jones, Laboratory Director – Hospital Services at 515-247-4484 with any questions.

Thank you for choosing MercyOne Des Moines Laboratory.