New Troponin I Cutoff Effective 12/12/2018

The American College of Cardiologists (ACC) recommends the use of Troponin testing to rule out/rule in myocardial injury due to myocardial infarction (MI). Detection of an MI includes a rise and/or fall of troponin values with at least one value above the 99th percentile upper reference limit.

Effective 12/12/2018, Mercy Clinical Laboratory will be updating the reporting of Troponin I tests to include a definitive cutoff that reflects the demarcation of the 99th percentile upper reference limit. All Troponin I values above this cutoff will be considered a critical value, will be flagged critical in the medical record and will be called to patient’s licensed healthcare provider.

New Troponin I Reporting

<table>
<thead>
<tr>
<th>Range</th>
<th>Interpretation</th>
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</thead>
<tbody>
<tr>
<td>0.00-0.04 ng/ml</td>
<td>Normal reference range</td>
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<tr>
<td>0.05 ng/ml and above</td>
<td>Critical Value (flagged on report and call to provider)</td>
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</tbody>
</table>

Interpretive comment on every result:

- < 0.05 ng/ml       Negative for myocardial injury
- >= 0.05 ng/ml      Myocardial injury present

Diagnosis of acute myocardial infarction requires serial changes in troponin together with characteristic symptoms and/or ECG/Imaging changes indicative of ischemia/infarction.

Please contact Andrea Jones, Core Lab Manager, at 515-247-4484 with any questions.

Thank you for choosing Mercy Clinical Laboratory.