

Troponin Utilization in Risk Stratification: The Troponin Marker Quiz– Part 2

1. Which of the following can cause a **true false positive** troponin results?
 - a) Fibrin
 - b) Cells, platelets
 - c) Serum proteins, such as rheumatoid factor
 - d) Anti-animal antibodies
 - e) All of the above

2. The most stable portion of the troponin molecule amino acids ranges from _____ to _____.
 - a) 30 to 110
 - b) 1 to 30
 - c) 110 to 230
 - d) none of the above

3. Which of the following are important performance characteristics of a good troponin assay?
 - a) Lack of heterophile interference
 - b) Good precision at low levels
 - c) equimolarity
 - d) all of the above
 - e) a and b

4. Important performance characteristics of a good troponin assay include:
 - a) lack of heterophile interference
 - b) lot to lot variability
 - c) good precision
 - d) all of the above
 - e) a and c

5. To achieve the development of a reliable cTnI assay, great care must be taken to select antibodies that
 - a) Bind to the most stable part of the molecule
 - b) Bind epitopes that are not affected by formation of complexes
 - c) Do not compete with heparin for the binding
 - d) All of the above
 - e) a and b

6. A troponin result between the URL and the AMI cutoff indicates myocardial damage
 - a) True
 - b) False

7. A troponin result between the URL and the AMI cutoff has no clinical significance.
 - a) True
 - b) False

8. The level of troponin is inversely proportional to the extent of myocardial injury.
 - a) True
 - b) False

9. Studies suggest a troponin level above the URL, but below the AMI cutoff may indicate a higher risk for a future adverse event
 - a) True
 - b) False

10. Studies suggest a troponin level above the URL, but below the AMI cutoff may be an aid in the choice of therapy
 - a) True
 - b) False



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