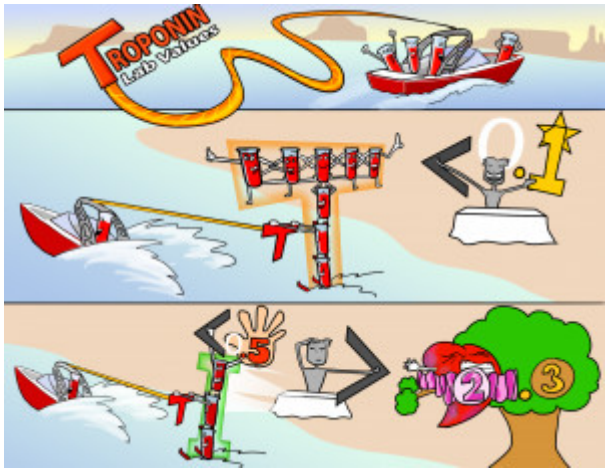
# Troponin Lab Values

Troponin is a cardiac biomarker that is used to diagnose myocardial injury. Cardiac-specific troponin is a protein released into the blood after myocardial infarction or injury to the heart. Levels of troponin T (cTnT) and troponin I (cTnI) are typically very low, so an increase can be noted within 4 to 6 hours of injury. Levels will remain high in the blood for 10 to 14 days after the injury has occurred.<br />




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**Troponin T (cTnT)**
T-rope T
Troponin T is very specific to myocardial tissue and can be valuable in diagnosing myocardial injury or infarction. Levels will rise within 4 to 6 hours of injury and remain elevated for 10 to 14 days.

**< 0.1 ng/mL Normal**
Less-than (.1) Wand
Levels of this cardiac biomarker are typically very low (< 0.1 ng/mL). Increases will be seen with myocardial injury.

**Troponin I (cTnI)**
T-rope I
Troponin I is a cardiac-specific protein used to aid in the diagnosis of myocardial injury or infarction. Levels of cTnI will rise within 4 to 6 hours of injury and can be detected for up to 10 to 14 days after the cardiac event.

**< 0.5 ng/mL Normal**
Less-than (.5) Hand
Troponin I normally remains at a level of < 0.5 ng/mL in the blood.

**> 2.3 ng/mL Myocardial Injury**
Greater-than (2.3) Tutu Tree with Heart Injured
An increase in cTnI > 2.3 ng/mL indicates myocardial injury.

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