



Troponin I Rapid Test



Myocardial Infarction Alert

cTn TESTING

The Cardiac Troponin (cTn) complex is composed of cTnI, cTnT and cTnC, located in heart muscle. cTn is superior to CK-MB, myoglobin and LDH as indicators of myocardial necrosis.

cTn testing is mainly performed for the diagnosis of the acute myocardial infarction (AMI). It is also used in cases such as risk stratification and prognosis of patients with acute coronary syndromes, and other cardiac injury diseases.

cTnI v.s. cTnT test

- Both cTnI and cTnT rise in 4-8 hours following injury, and peak at 12-24 hours
- cTnI remains elevated for 5-7 days, cTnT for more than 2 weeks
- Equivalent sensitivity & specificity, effectiveness in diagnosing myocardial necrosis in trauma & bypass grafting
- Only 1 cTnT Rapid Test is available on the market
- cTnI is cost effective

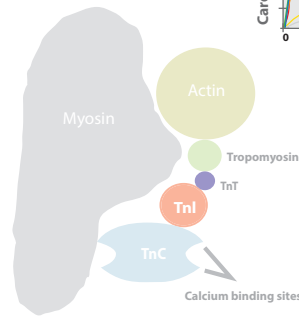
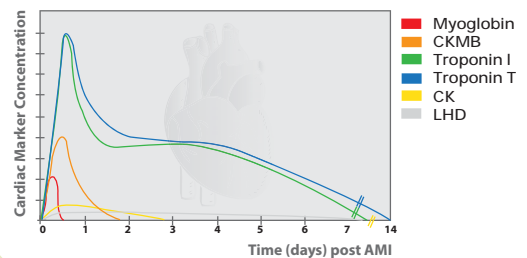
cTnI Test Indication

- Acute coronary syndrome
- Blood clot in the lung
- Bruised heart muscle
- Thromboembolic stroke

AMI Diagnosis

- Symptoms of ischemia
- Elevated cTnI or cTnT
- Development of pathological Q waves
- EKG changes indicative of new ischemia
- Imaging evidence of new loss of viable myocardium or new regional wall motion abnormality

Cardiac Markers: Approximate Levels vs. Time Onset Post AMI



ARIA TROPONIN I RAPID TESTS BY CTK

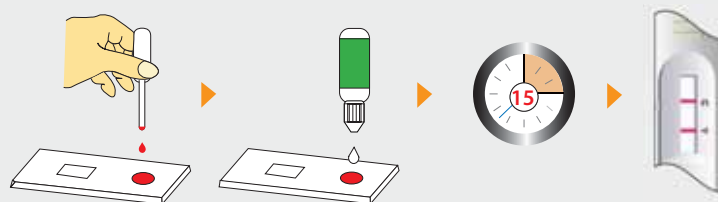
Provides an instant test result, allowing doctors to take immediate action and save lives



Troponin I Combo Rapid Test

R3002C | Serum/Plasma/Whole Blood

- Utilizes polyclonal and monoclonal antibody pair to reduce interference
- The detection sensitivity is as low as 0.5 ng/mL, as calibrated by NIST standard (American)
- Highly specific
- Can be used with serum, plasma, and whole blood



CTK Biotech, Inc.



10110 Mesa Rim Road
San Diego, CA 92121, USA
www.ckbiotech.com

T +1 858 457 8698
F +1 858 535 1739
E info@ckbiotech.com

