

Patient Name : Demo Patient Name
Age / Sex : 37 Y / M
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 31-Aug-24 16:55
Patient ID : UHID.DEMO.001

Troponin-T

EDTA Whole Blood Sample

Accession No: DEMO_BARCODE **Collected On:** 31-Aug-24 16:55 **Received On:** 31-Aug-24 20:00 **Approved On:** 31-Aug-24 20:58

Observation	Result	Unit	Biological Ref. Interval	Method
Troponin-T	Negative			Rapid Assay

Significance: Troponin T is one of three proteins that make up the troponin complex, which mediates the calcium-activation of contraction of striated muscle. Troponin T isoforms from cardiac and skeletal muscles differ in their amino acid composition and can be differentiated immunologically. Cardiac troponin T has been shown to be elevated in all patients with acute myocardial infarction (AMI) diagnosed by World Health Organization (WHO) criteria. Early in myocardial infarction, the diagnostic efficiency of cTnT is comparable to sensitive CK-MB mass measurements. The initial appearance of elevated cTnT in the blood of individuals who have suffered AMI is variable; from 3-24 hours, depending on factors such as infarct size. Elevated cTnT levels can be measured for up to 14 days in some patients. After 48 hours the measurement of CK-MB is frequently of little diagnostic value. cTnT also remains elevated longer than total LD. Thus, the diagnostic window for cTnT is wider due to the length of time cTnT is elevated in blood. The time interval of elevation in serum ranges from a few hours to >14 days.

Remarks: Please correlate results with clinical conditions.



This is a Demo Signature
and the doctor's signature should appear here

In case of any unexpected or alarming results, please contact us immediately for re-confirmation, clarifications, and rectifications, if needed.

