

Patient Name : Mr.MANOJ MALHOTRA	Visit No : CHA250041597
Age/Gender : 58 Y/M	Registration ON : 08/Mar/2025 09: 27AM
Lab No : 10138892	Sample Collected ON : 08/Mar/2025 09: 28AM
Referred By : Dr.RAJIV RASTOGI	Sample Received ON : 08/Mar/2025 09: 38AM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 08/Mar/2025 10: 22AM
Doctor Advice : TROPONIN-T hs Stat	



Test Name	Result	Unit	Bio. Ref. Range	Method
TROPONIN-T hs Stat				
TROPONIN-T	0.058	ng/ml	< 0.010	

NOTES :-

Troponin T hs is a member of the myofibrillar proteins of striated muscularis. These myofibrillar proteins are the building blocks of the contractile apparatus. Troponin T hs binds the troponin complex to tropomyosin and binds the neighboring tropomyosin molecules. The determination of troponin T in serum plays an important role in the diagnosis of myocardial infarction (AMI), microinfarction (minor myocardial damage - MMO) and myocarditis. Troponin T is detectable about 3 -4 hours after the occurrence of cardiac symptoms. Following acute myocardial ischemia, Troponin T remains in the serum for a lengthy period of time and can hence help to detect myocardial events that have occurred upto 14 days earlier.

Cobas E 411 Troponin T hs Stat employs monoclonal antibodies specifically directed against human cardiac Troponin T (after release from the free cytosol and myofibrils .)

Based on the WHO criteria for the definition of AMI from the 1970~s the cutoff (clinical discriminator) value for troponin T is 0.1 ng/ml according to ROC analysis.

Elevated Troponin T values are occasionally found in patients with restricted renal function despite the absence of definite evidence of myocardial Ischemia.

(ELECTRO-CHEMILUMINESCENCE TECHNIQUE BY Cobas E 411)

*** End Of Report ***

CHARAK

[Checked By]

Print.Date/Time: 08-03-2025 11:00:46

*Patient Identity Has Not Been Verified. Not For Medicolegal



DR. NISHANT SHARMA
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