

Patient Name : Mr.DP MISHRA	Visit No : CHA250034312
Age/Gender : 53 Y/M	Registration ON : 25/Feb/2025 07: 41PM
<b>Lab No : 10131608</b>	Sample Collected ON : 25/Feb/2025 07: 45PM
Referred By : Dr.RAJIV RASTOGI	Sample Received ON : 25/Feb/2025 07: 51PM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 25/Feb/2025 08: 19PM
Doctor Advice : TROPONIN-T hs Stat	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>TROPONIN-T hs Stat</b>				
TROPONIN-T	0.005	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: 26-02-2025 00:01:33

\*Patient Identity Has Not Been Verified. Not For Medicolegal



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