

| | |
|------------------------------------|---|
| Patient Name : Mr.PRADEEP SINHA | Visit No : CHA250040876 |
| Age/Gender : 69 Y/M | Registration ON : 06/Mar/2025 09:04PM |
| Lab No : 10138171 | Sample Collected ON : 06/Mar/2025 09:06PM |
| Referred By : Dr.KALYAN MULLICK | Sample Received ON : 06/Mar/2025 09:28PM |
| Refer Lab/Hosp : CHARAK NA | Report Generated ON : 06/Mar/2025 10:51PM |
| Doctor Advice : TROPONIN-T hs Stat | |



| Test Name | Result | Unit | Bio. Ref. Range | Method |
|---------------------------|--------|-------|-----------------|--------|
| TROPONIN-T hs Stat | | | | |
| TROPONIN-T | 0.010 | 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 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 up to 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 1970s 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: 07-03-2025 00:01:49

*Patient Identity Has Not Been Verified. Not For Medicolegal



DR. NISHANT SHARMA DR. SHADAB Dr. SYED SAIF AHMAD
PATHOLOGIST PATHOLOGIST MD (MICROBIOLOGY)