

Patient Name : Mr.JAGAN NATH PRASAD	Visit No : CHA250045333
Age/Gender : 71 Y/M	Registration ON : 13/Mar/2025 03:54PM
<b>Lab No : 10142628</b>	Sample Collected ON : 13/Mar/2025 04:20PM
Referred By : Dr.JITENDRA PRASAD	Sample Received ON : 13/Mar/2025 04:32PM
Refer Lab/Hosp : CGHS (DEBIT)	Report Generated ON : 13/Mar/2025 05:47PM
Doctor Advice : TROPONIN-T hs Stat,2D ECHO,CHEST PA	



Test Name	Result	Unit	Bio. Ref. Range	Method
<b>TROPONIN-T hs Stat</b>				
TROPONIN-T	0.013	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: 13-03-2025 18:29:34

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



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