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CMO Reg. No. RMEE 2445133
NABL Reg. No. MC-2491
Certificate No. MIS-2023-0218

Patient Name	: Ms.LATA MEHROTRA	Visit No	: CHA250034110
Age/Gender	: 81 Y/F	Registration ON	: 25/Feb/2025 02:48PM
Lab No	**: 10131406**	Sample Collected ON	: 25/Feb/2025 02:51PM
Referred By	: Dr.BALAJI PATHOLOGY	Sample Received ON	: 25/Feb/2025 03:02PM
Refer Lab/Hosp	: LAB RATE	Report Generated ON	: 25/Feb/2025 04:27PM
Doctor Advice	: TROPONIN-I (SERUM)		

PR.

Test Name	Result	Unit	Bio. Ref. Range	Method
TROPONIN-I (SERUM)				
TROPONIN-I (SERUM)	0.019		cut off volue : 0.120	

NOTE: -
Troponin I (TnI) is a protein normally found in muscle tissue that, in conjunction with Troponin T and Troponin C, regulates the calcium dependent interaction of actin and myosin.1 Three isotypes of TnI have been identified: one associated with fast-twitch skeletal muscle, one with slow-twitch skeletal muscle and one with cardiac muscle.The cardiac form has an additional 31 amino acid residues at the N terminus and is the only troponin isoform present in the myocardium.Clinical studies have demonstrated that cardiac Troponin I (cTnI) is detectable in the bloodstream 4–6 hours after an acute myocardial infarct (AMI) and remains elevated for several days thereafter Thus, cTnI elevation covers the diagnostic windows of both creatine kinase-MB (CK-MB) and lactate dehydrogenase.3 Further studies have indicated that cTnI has a higher clinical specificity for myocardial injury than does CK-MB.
Done by: Vitros ECI (Johnson & Johnson)

Other conditions resulting in myocardial cell damage can contribute to elevated cTnI levels. Published studies have documented that these conditions include, but are not limited to, sepsis, congestive heart failure, hypertension with left ventricular hypertrophy, hemodynamic compromise, myocarditis, mechanical injury including cardiac surgery, defibrillation and cardiac toxins such as anthracyclines. Factors such as these should be considered when interpreting results from any cTnI test method.

***** End Of Report *****

[Checked By]

Print.Date/Time: 25-02-2025 17:36:44
***Patient Identity Has Not Been Verified. Not For Medicolegal**

DR. NISHANT SHARMA
PATHOLOGIST

DR. SHADABKHAN
PATHOLOGIST

Dr. SYED SAIF AHMAD
MD (MICROBIOLOGY)