

TNNT2

Native Human Troponin T, Cardiac Muscle

Catalog No.	CSI13555	Quantity:	100 µg
Alternate Names:	Troponin T, cardiac muscle, TnTc, Cardiac muscle troponin T, cTnT		
Description:	<p>Human heart Troponin is a family of proteins (I, T and C) and are found in skeletal and heart muscle fibers; it helps muscles contract. Certain subtypes of human Troponin (human cardiac troponin I and cardiac Troponin T) are very sensitive and specific indicators of damage to the heart muscle myocardium).</p> <p>Troponin are measured in the blood to differentiate between unstable angina and myocardial infarction (heart attack) in patients with chest pain. A patient who had suffered from a myocardial infarction would have an area of damaged heart muscle and so would have elevated human cardiac Troponin levels in the blood.</p>		
UniProt ID:	P45379		
Gene ID:	7139		
Molecular Weight:	35 kDa		
Source:	Human heart tissue		
Concentration:	> 1.0 mg/ml, lot specific		
Formulation:	6M Urea, 50mM Tris HCl, 0.25M NaCl, 15mM beta-mercaptoethanol, 1mM EDTA, pH 7.2		
Purity:	>98% by SDS PAGE, highly purified		
Storage & Stability:	Store at -20°C to -80°C. Upon initial thawing, prepare aliquots of the stock solution and store at -20°C to -80°C. Avoid repeated freeze/thaw cycles.		
Infectious Disease Statement:	Non-reactive for HIV-1/HCV/HBV by NAT; Syphilis, HBcAg, HBsAg, HCV Ab, HIV-1&2 Ab and RPR by currently approved FDA methods. However, because no test method can offer complete assurance that infectious agents are absent, this material should be handled at Bio-Safety Level 2 (BSL 2) as recommended for potentially infectious human serum or blood specimen in the CCD/NIH manual "Biosafety in Microbiological and Biomedical Laboratories", 2009.		

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