



CERTIFICATE OF ANALYSIS

PRODUCT NAME:	Troponin T Human (rTn-T)
CAT. NO:	I550-21R
MOLECULAR WEIGHT:	35 kDa
PROTEIN CONC:	Typically greater than .1 mg/ml
PURITY:	> 96% by SDS Page
SOURCE:	E.Coli-Recombinant
STORAGE:	Recommend below -40C

Human heart cardiac Troponin is a family of proteins (human troponin I, human troponin T and human troponin 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). Human cardiac Troponin is 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.