

Human troponin T type 1 (skeletal, slow) ELISA Kit | TNNT1 elisa kit

Human cardiac troponin T, cTn-T ELISA Kit

CATALOG #
AAA79575

REACTIVITY
Human

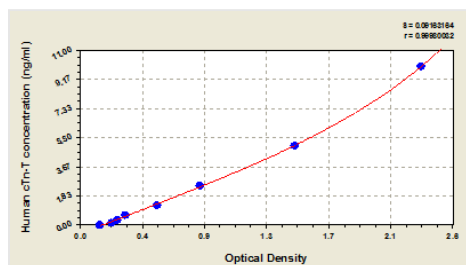
PRODUCT SYNONYMS

troponin T type 1 (skeletal; slow); Human cardiac troponin T; cTn-T ELISA Kit; Human cardiac troponin T (cTn-T) ELISA Kit; ANM; FLJ98147; MGC104241; STNT; TNT; TNTS; slow skeletal muscle troponin T; troponin T1; skeletal; slow; troponin-T1; TNNT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human TNNT1. No significant cross-reactivity or interference between Human TNNT1 and analogues was observed.
Sequence Length	262
Samples	Serum, plasma
Assay Type	Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNNT1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for cTn-T has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any cTn-T present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for cTn-T is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of cTn-T bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	187173290
NCBI GeneID	7138
NCBI Accession #	NP_001119604.1
NCBI GenBank Nucleotide #	NM_001126132.2
UniProt Accession #	P13805; O95472; Q16061; Q5U0E1
Molecular Weight	32,948 Da
NCBI Official Full Name	troponin T, slow skeletal muscle isoform b
NCBI Official Synonym Full Names	troponin T type 1 (skeletal, slow)
NCBI Official Symbol	TNNT1
NCBI Official Synonym Symbols	ANM; TNT; NEM5; STNT; TNTS
NCBI Protein Information	troponin T, slow skeletal muscle; troponin-T1, skeletal, slow; slow skeletal muscle troponin T
UniProt Protein Name	Troponin T, slow skeletal muscle
UniProt Gene Name	TNNT1
UniProt Synonym Gene Names	TNT; TnTs; sTnT
UniProt Entry Name	TNNT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/tnnt1-human-elisa-kits/troponin-t-type-1-skeletal-slow/79575>