

Human Troponin T, slow skeletal muscle ELISA Kit | TNNT1 elisa kit

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CATALOG #
AAA56923

REACTIVITY
Human

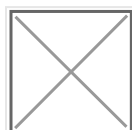
PRODUCT SYNONYMS

Troponin T; slow skeletal muscle; Human Troponin T; slow skeletal muscle ELISA Kit; TnTs; Slow skeletal muscle troponin T; sTnT; TNNT1; TNT; TNNT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Troponin T, slow skeletal muscle, TnTs
Sequence Length	262
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	15.6-1000 pg/mL
Sensitivity	<8.9 pg/mL
Intra-assay Precision	Intra-Assay CV: <=4.9%
Inter-assay Precision	Inter-Assay CV: <=7.7%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNNT1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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	31,242 Da
NCBI Official Full Name	troponin T, slow skeletal muscle isoform b
NCBI Official Synonym Full Names	troponin T1, slow skeletal type
NCBI Official Symbol	TNNT1
NCBI Official Synonym Symbols	ANM; TNT; NEM5; STNT; TSTS
NCBI Protein Information	troponin T, slow skeletal muscle
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://stage.aaabiotech.com/tnnt1-human-elisa-kits/troponin-t-slow-skeletal-muscle/56923>