

Mouse Troponin T, cardiac muscle ELISA Kit | Tnnt2 elisa kit

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CATALOG #
AAA195284

REACTIVITY
Mouse

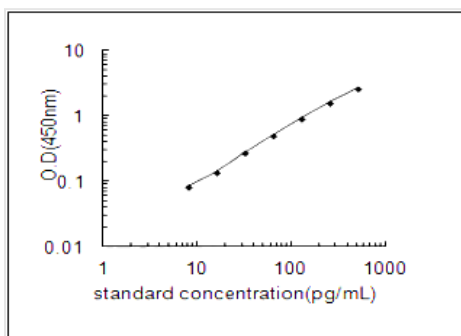
PRODUCT SYNONYMS

Troponin T; cardiac muscle; Mouse Troponin T; cardiac muscle ELISA Kit; TnTc; Cardiac muscle troponin T; cTnT; Tnnt2; Tnnt2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse TnTc. No significant cross-reactivity or interference was observed.
Sequence Length	301
Assay Type	Sandwich
Detection Range	15.6-1000 pg/mL
Sensitivity	7.8 pg/mL
Intra-Assay CV	<=5.9%
Inter-Assay CV	<=8.7%
Recovery	84%
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 Tnnt2 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse troponin t, cardiac muscle, TnTc concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TnTc. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for TnTc and 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 TnTc, 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 TnTc in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194328745
NCBI GeneID	21956
NCBI Accession #	NP_001123648.1
NCBI GenBank Nucleotide #	NM_001130176.1
UniProt Accession #	P50752; Q64360; Q64377
Molecular Weight	34,220 Da
NCBI Official Full Name	troponin T, cardiac muscle isoform b
NCBI Official Synonym Full Names	troponin T2, cardiac
NCBI Official Symbol	Tnnt2
NCBI Official Synonym Symbols	Tnt; cTnT
NCBI Protein Information	troponin T, cardiac muscle
UniProt Protein Name	Troponin T, cardiac muscle
UniProt Gene Name	Tnnt2
UniProt Synonym Gene Names	TnTc; cTnT
UniProt Entry Name	TNNT2_MOUSE

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/tnnt2-mouse-elisa-kits/troponin-t-cardiac-muscle/195284>