

Mouse Troponin T Type 2 (TNNT2) ELISA Kit | TNNT2 elisa kit

Mouse Mini Samples Troponin T Type 2, Cardiac (TNNT2) ELISA Kit

CATALOG #
AAA150030

REACTIVITY
Mouse

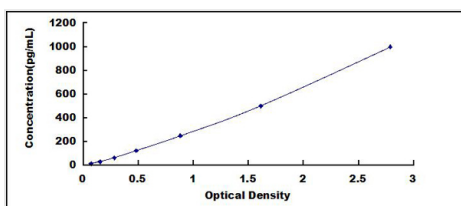
PRODUCT SYNONYMS

Troponin T Type 2 (TNNT2); Mouse Mini Samples Troponin T Type 2; Cardiac (TNNT2) ELISA Kit; CMH2; cTnT; TnTc; Cardiomyopathy; Hypertrophic 2; Cardiac muscle troponin T; TNNT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mini Samples Troponin T Type 2, Cardiac (TNNT2). No significant cross-reactivity or interference between Mini Samples Troponin T Type 2, Cardiac (TNNT2) and analogues was observed.
Sequence Length	256
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	15.6-1,000pg/mL
Sensitivity	5.5pg/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Mini Samples Troponin T Type 2, Cardiac (TNNT2) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Mini Samples Troponin T Type 2, Cardiac (TNNT2) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNNT2 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mini Samples Troponin T Type 2, Cardiac (TNNT2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Mini Samples Troponin T Type 2, Cardiac (TNNT2). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mini Samples Troponin T Type 2, Cardiac (TNNT2), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Mini Samples Troponin T Type 2, Cardiac (TNNT2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for TNNT2 elisa kit	Cardiovascular Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	112789538
NCBI GeneID	7140
NCBI GenBank Nucleotide #	NP_001036246.1
UniProt Accession #	P45378
NCBI Official Full Name	troponin T, fast skeletal muscle isoform 2
NCBI Official Synonym Full Names	troponin T3, fast skeletal type
NCBI Official Symbol	TNNT3
NCBI Official Synonym Symbols	TNTF; DA2B2; beta-TnTF
NCBI Protein Information	troponin T, fast skeletal muscle
UniProt Protein Name	Troponin T, fast skeletal muscle
UniProt Gene Name	TNNT3
UniProt Synonym Gene Names	TnTf; fTnT
UniProt Entry Name	TNNT3_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/mouse-elisa-kits/troponin-t-type-2-tnnt2/150030>