

Mouse troponin T type 2 (cardiac) ELISA Kit | TNNT2 elisa kit

Mouse Troponin T, cardiac muscle, TNNT2 ELISA Kit

CATALOG #
AAA112482

REACTIVITY
Mouse

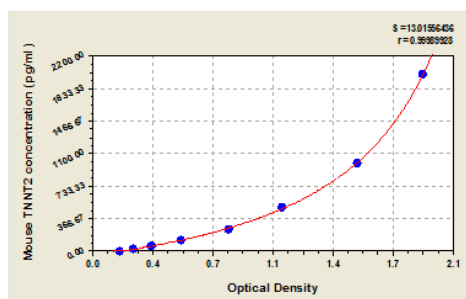
PRODUCT SYNONYMS

troponin T type 2 (cardiac); Mouse Troponin T; cardiac muscle; TNNT2 ELISA Kit; cardiac muscle (TNNT2) ELISA kit; CMH2; CMPD2; MGC3889; RCM3; TnTC; cTnT; OTTHUMP00000033864; OTTHUMP00000033867; cardiomyopathy; dilated 1D (autosomal dominant) ; hypertrophic 2; troponin T type 2; cardiac; troponin T; ca; TNNT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse TNNT2. No significant cross-reactivity or interference between mouse TNNT2 and analogues was observed.
Sequence Length	301
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	< 7.8 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 TNNT2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TNNT2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNNT2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNNT2 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 TNNT2 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 #	194328745
NCBI GeneID	21956
NCBI Accession #	NP_001123648.1
NCBI GenBank Nucleotide #	NM_001130176.1
UniProt Accession #	P50752; Q64360; Q64377
Molecular Weight	35,825 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; tnTc; cardiac TnT; cardiac muscle troponin T
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-type-2-cardiac/112482>