

Rabbit Troponin T Type 2, Cardiac (TNNT2) ELISA Kit | TNNT2 elisa kit

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CATALOG #
AAA66097

REACTIVITY
Rabbit

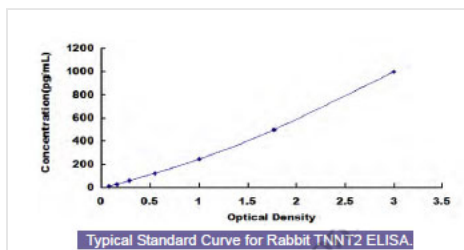
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of TNNT2. No significant cross-reactivity or interference between TNNT2 and analogues was observed.
Sequence Length	301
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	6.2pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TNNT2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TNNT2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNNT2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TNNT2 in rabbit serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TNNT2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 TNNT2 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 #	1717771
NCBI GeneID	100009428
UniProt Accession #	P09741; P09742
Molecular Weight	34,001 Da
NCBI Official Full Name	Troponin T, cardiac muscle
NCBI Official Symbol	TNNT2
NCBI Protein Information	troponin T2, cardiac type; Troponin T, cardiac muscle; troponin T cardiac isoform; troponin T type 2 (cardiac)
UniProt Protein Name	Troponin T, cardiac muscle
UniProt Gene Name	TNNT2
UniProt Synonym Gene Names	TnTc; cTnT

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/rabbit-elisa-kits/troponin-t-type-2-cardiac-tnnt2/66097>