Mouse Troponin T Type 2, Cardiac (TNNT2) RTU ELISA Kit | TNNT2 rtu elisa kit

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CATALOG #	REACTIVITY
AAA218927	**Mouse**

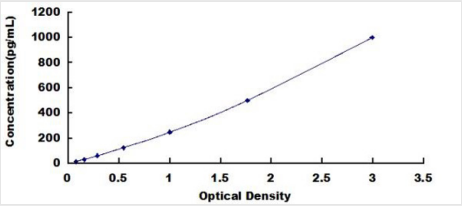
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	301
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	15.6-1000pg/mL
Sensitivity	5.3pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNNT2 rtu elisa kit	Test Principle: 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.

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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/mouse-rtu-elisa-kits/troponin-t-type-2-cardiac-tnnt2/218927