

Mouse Troponin T, Tn-T ELISA Kit | Tn-T elisa kit

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CATALOG #
AAA42045

REACTIVITY
Mouse

PRODUCT SYNONYMS

Troponin T; Tn-T; Mouse Troponin T; Tn-T ELISA Kit; Tn-T elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	28
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L - 1000ng/L
Sensitivity	4.15ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Tn-T elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Troponin T (also known as Tn-T) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse Tn-T antibody. Tn-T present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse Tn-T Antibody is added and binds to Tn-T in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Tn-T antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse Tn-T. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	547047
NCBI GeneID	7139
Molecular Weight	35,794 Da
NCBI Official Full Name	troponin T, partial
NCBI Official Synonym Full Names	troponin T2, cardiac type
NCBI Official Symbol	TNNT2
NCBI Official Synonym Symbols	CMH2; RCM3; TnTC; cTnT; CMD1D; CMPD2; LVNC6
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.

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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/troponin-t-tn-t/42045>