

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

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CATALOG #
AAA42120

REACTIVITY
Mouse

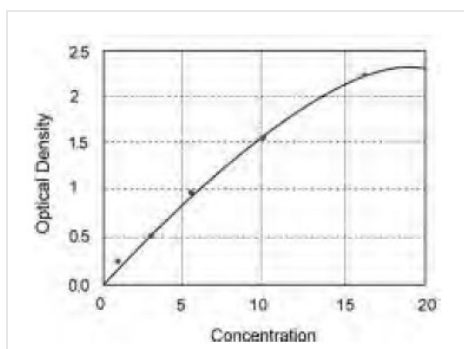
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	172
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	5-1000ng/L
Sensitivity	2.46ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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-I elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse TN-I antibody. TN-I present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse TN-I Antibody is added and binds to TN-I in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TN-I 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-I. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Troponin I (also known as TN-I) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	185132467
NCBI GeneID	100136571
NCBI Accession #	NP_001117133.1
NCBI GenBank Nucleotide #	NM_001123661.1
NCBI Official Full Name	troponin I
NCBI Official Symbol	LOC100136571
NCBI Protein Information	troponin I

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-i-tn-i/42120>