

Bovine Troponin T, slow skeletal muscle (TNNT3) ELISA Kit | TNNT3 elisa kit

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CATALOG #
AAA43336

REACTIVITY
Bovine

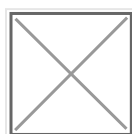
PRODUCT SYNONYMS

Troponin T; slow skeletal muscle (TNNT3); Bovine Troponin T; slow skeletal muscle (TNNT3) ELISA Kit; TNNT3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Sequence Length	28
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1-400ng/L
Sensitivity	0.61ng/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 TNNT3 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Bovine Troponin T,slow skeletal muscle (also known as TNNT3) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Bovine TNNT3 antibody. TNNT3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Bovine TNNT3 Antibody is added and binds to TNNT3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TNNT3 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 Bovine TNNT3. 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://stage.aaabiotech.com/bovine-ovine-elisa-kits/troponin-t-slow-skeletal-muscle-tnnt3/43336>