

Mouse Troponin C Type 1, Slow ELISA Kit | TNNC1 elisa kit

Mouse Troponin C Type 1, Slow (TNNC1) (Sandwich ELISA) ELISA Kit

CATALOG #
AAA190084

REACTIVITY
Mouse

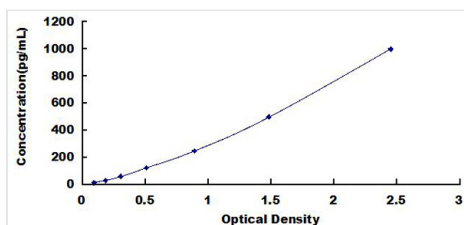
PRODUCT SYNONYMS

Troponin C Type 1; Slow; Mouse Troponin C Type 1; Slow (TNNC1) (Sandwich ELISA) ELISA Kit; TNC; TroponinC; Cardiac; Troponin C; slow skeletal and cardiac muscles; ELISA Kit for Troponin C Type 1; Slow (TNNC1); TNNC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Troponin C Type 1, Slow (TNNC1). No significant cross-reactivity or interference between Troponin C Type 1, Slow (TNNC1) and analogues was observed. Reactive with Mouse TNNC1 / Troponin C Type 1, Slow
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma and other biological fluids
Detection Range	15.6-1,000pg/mL
Sensitivity	6.7pg/mL
Detection Method	Colormetric
Assay Precision	Intra-Assay: CV<10%, Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

Typical Standard Curve for TNNC1 ELISA (Sandwich)

ADDITIONAL INFORMATION

Related Product Information for TNNC1 elisa kit

Principle of the Assay||The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Troponin C Type 1, Slow (TNNC1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Troponin C Type 1, Slow (TNNC1). 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 Troponin C Type 1, Slow (TNNC1), 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 $\pm$ 10nm. The concentration of Troponin C Type 1, Slow (TNNC1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678369
NCBI GeneID	21924
NCBI Accession #	NP_033419.1
NCBI GenBank Nucleotide #	NM_009393.2
UniProt Accession #	P19123
Molecular Weight	18,421 Da
NCBI Official Full Name	troponin C, slow skeletal and cardiac muscles
NCBI Official Synonym Full Names	troponin C, cardiac/slow skeletal
NCBI Official Symbol	Tnnc1
NCBI Official Synonym Symbols	TnC; cTnC; cTnI; tncc; AI874626
NCBI Protein Information	troponin C, slow skeletal and cardiac muscles; TN-C
UniProt Protein Name	Troponin C, slow skeletal and cardiac muscles
UniProt Gene Name	Tnnc1
UniProt Synonym Gene Names	Tncc; TN-C
UniProt Entry Name	TNNC1_MOUSE

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/tnnc1-mouse-elisa-kits/troponin-c-type-1-slow/190084>