

Bovine Troponin C Type 2, Fast ELISA Kit | TNNC2 elisa kit

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CATALOG #
AAA88954

REACTIVITY
Bovine

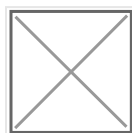
PRODUCT SYNONYMS

Troponin C Type 2; Fast; Bovine Troponin C Type 2; Fast ELISA Kit; TNNC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1ng/mL.
Intended Uses	This TNNC2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine TNNC2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNNC2 elisa kit	Principle of the assay: TNNC2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TNNC2 antibody and an TNNC2-HRP conjugate. The assay sample and buffer are incubated together with TNNC2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TNNC2 concentration since TNNC2 from samples and TNNC2-HRP conjugate compete for the anti-TNNC2 antibody binding site. Since the number of sites is limited, as more sites are occupied by TNNC2 from the sample, fewer sites are left to bind TNNC2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TNNC2 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for TNNC2 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	49456723
NCBI GeneID	7125
UniProt Accession #	Q6FH92 ; P02585

Molecular Weight	18,122 Da
NCBI Official Full Name	TNNC2, partial
NCBI Official Synonym Full Names	troponin C type 2 (fast)
NCBI Official Symbol	TNNC2
NCBI Protein Information	troponin C, skeletal muscle; troponin C2, fast
UniProt Protein Name	Troponin C, skeletal muscle
UniProt Gene Name	TNNC2
UniProt Entry Name	TNNC2_HUMAN

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/tnnc2-bovine-ovine-elisa-kits/troponin-c-type-2-fast/88954>