

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

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CATALOG #
AAA91276

REACTIVITY
Monkey

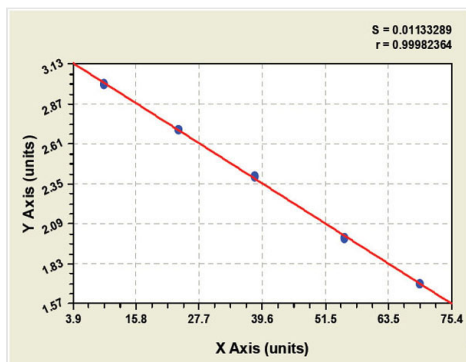
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	25-500pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNNC2 elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This TNNC2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey TNNC2. This ELISA kit for research use only! 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-monkey-elisa-kits/troponin-c-type-2-fast/91276>