

Monkey TNNC2 ELISA Kit | TNNC2 elisa kit

Monkey TNNC2 (Troponin C Type 2) ELISA Kit

CATALOG #
AAA163581

REACTIVITY
Monkey

PRODUCT SYNONYMS

TNNC2; Monkey TNNC2 (Troponin C Type 2) ELISA Kit; TNNC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This kit recognizes Monkey TNNC2 in samples. No significant cross-reactivity or interference between Monkey TNNC2 and analogues was observed.
Sequence Length	160
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	31.25-2000pg/mL
Sensitivity	18.75pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Monkey TNNC2 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Monkey TNNC2 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for TNNC2 elisa kit

Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Monkey TNNC2. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Monkey TNNC2 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Monkey TNNC2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The OD value is proportional to the concentration of Monkey TNNC2. You can calculate the concentration of Monkey TNNC2 in the samples by comparing the OD of the samples to the standard curve.

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Monkey TNNC2 concentrations in serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507617
NCBI GeneID	7125
NCBI Accession #	NP_003270.1

NCBI GenBank Nucleotide #	NM_003279.2
UniProt Accession #	P02585 ; Q6FH92
Molecular Weight	18,122 Da
NCBI Official Full Name	troponin C, skeletal muscle
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://www.aaabiotech.com/monkey-elisa-kits/tnc2/163581>