

Mouse TNNI3/cTn-I ELISA Kit | TNNI3/cTn-I elisa kit

Mouse TNNI3/cTn-I (Troponin I Type 3, Cardiac) ELISA Kit

CATALOG #
AAA163794

REACTIVITY
Mouse

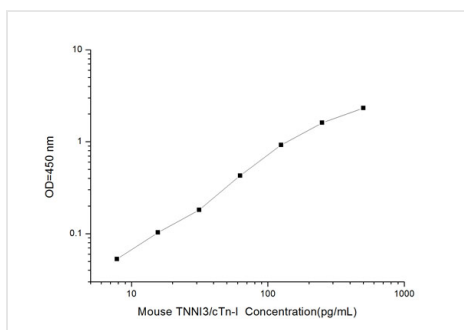
PRODUCT SYNONYMS

TNNI3/cTn-I; Mouse TNNI3/cTn-I (Troponin I Type 3; Cardiac) ELISA Kit; TNNI3/cTn-I elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse TNF-alpha in samples. No Significant cross-reactivity or interference between Mouse TNF-alpha and analogues was observed.
Sequence Length	211
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25-2000 pg/mL
Sensitivity	18.75 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse TNF-alpha 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 Mouse TNF-alpha were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNNI3/cTn-I elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse TNF-alpha concentrations in serum, plasma and other biological fluids. 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 Mouse TNF-alpha. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse TNF-alpha 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 Mouse TNF-alpha, 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 +/- 2 nm. The OD value is proportional to the concentration of Mouse TNF-alpha. You can calculate the concentration of Mouse TNF-alpha in the samples by comparing the OD of the samples to the standard curve.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	8394469
NCBI GeneID	29248
NCBI Accession #	NP_058840.1
NCBI GenBank Nucleotide #	NM_017144.2
UniProt Accession #	P23693; Q4PP23
Molecular Weight	24,160 Da
NCBI Official Full Name	troponin I, cardiac muscle
NCBI Official Synonym Full Names	troponin I type 3 (cardiac)
NCBI Official Symbol	Tnni3
NCBI Official Synonym Symbols	Tni; cTNI
NCBI Protein Information	troponin I, cardiac muscle; cardiac troponin I; troponin 1, type 3
UniProt Protein Name	Troponin I, cardiac muscle
UniProt Gene Name	Tnni3
UniProt Synonym Gene Names	Ctni; Tni
UniProt Entry Name	TNNI3_RAT

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.