

Mouse Tn-I ELISA Kit | Tn-I elisa kit

Mouse Tn-I (Troponin I) ELISA Kit

CATALOG #
AAA164419

REACTIVITY
Mouse

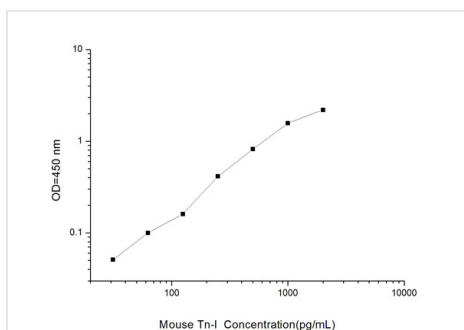
PRODUCT SYNONYMS

Tn-I; Mouse Tn-I (Troponin I) ELISA Kit; Tn-I elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse Tn-I in samples. No significant cross-reactivity or interference between Mouse Tn-I and analogues was observed.
Sequence Length	269
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
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 Mouse Tn-I 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 Tn-I 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 Tn-I elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse Tn-I 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 Tn-I. 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 Tn-I 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 Tn-I, 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 Tn-I. You can calculate the concentration of Mouse Tn-I in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20455512
NCBI GeneID	32794
NCBI Official Full Name	Troponin I
NCBI Official Synonym Full Names	wings up A
NCBI Official Symbol	wupA
NCBI Official Synonym Symbols	CG7178; chrX:17947374..17947524; DmelCG7178; DmTpnl; DROTROPONI; hdp; HDP; hdp2; HL-I; HL08042; HLI; Tn I; TnI; Tpnl; wup-A; WupA
NCBI Protein Information	CG7178 gene product from transcript CG7178-RD; CG7178-PA; CG7178-PB; CG7178-PC; CG7178-PD; CG7178-PE; CG7178-PF; CG7178-PG; CG7178-PH; CG7178-PI; CG7178-PJ; CG7178-PK; CG7178-PL; CG7178-PM; haplo-lethal region I; held up; held-up; held-up2; heldup; troponin; troponin I; troponin-I; wings up; wings up A; wings-up A; wupA-PA; wupA-PB; wupA-PC; wupA-PD; wupA-PE; wupA-PF; wupA-PG; wupA-PH; wupA-PI; wupA-PJ; wupA-PK; wupA-PL; wupA-PM

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.