

Rabbit Troponin I ELISA Kit | TNI elisa kit

Rabbit Troponin I (TNI) (Sandwich ELISA) ELISA Kit

CATALOG #
AAA190075

REACTIVITY
Rabbit

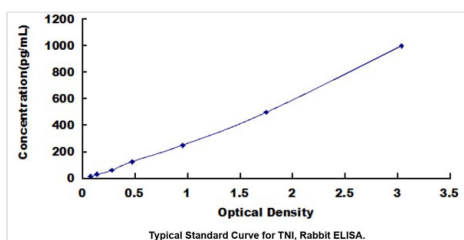
PRODUCT SYNONYMS

Troponin I; Rabbit Troponin I (TNI) (Sandwich ELISA) ELISA Kit; Tn-I; TNNI; ELISA Kit for Troponin I (TNI); TNI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of TNI. No significant cross-reactivity or interference between TNI and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Rabbit serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	15.6-1,000pg/mL
Sensitivity	< 5.4pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TNI were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TNI were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNI elisa kit

Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to TNI. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to TNI. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TNI, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of TNI in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TNI in rabbit serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	136221
UniProt Accession #	P02645
Molecular Weight	21,144 Da
NCBI Official Full Name	Troponin I, slow skeletal muscle
UniProt Protein Name	Troponin I, slow skeletal muscle
UniProt Gene Name	TNNI1
UniProt Entry Name	TNNI1_RABIT

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/tni-rabbit-elisa-kits/troponin-i/190075>