

Chicken Troponin ELISA Kit | TN elisa kit

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CATALOG #
AAA245100

REACTIVITY
Chicken

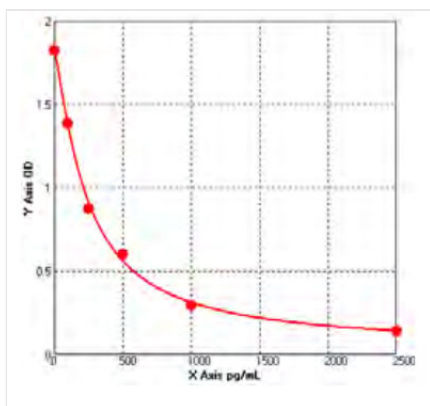
PRODUCT SYNONYMS

Troponin; Chicken Troponin ELISA Kit; TN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of TN. No significant cross-reactivity or interference between TN and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TN and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TN elisa kit	Principle of the Assay: TN ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-TN antibody and an TN-HRP conjugate. The assay sample and buffer are incubated together with TN-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 TN concentration since TN from samples and TN-HRP conjugate compete for the anti-TN antibody binding site. Since the number of sites is limited, as more sites are occupied by TN from the sample, fewer sites are left to bind TN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TN concentration in each sample is interpolated from this standard curve. Intended Uses: This TN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken TN. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for TN elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	41055251
NCBI GeneID	394068
NCBI Accession #	NP_957387.1
NCBI GenBank Nucleotide #	NM_201093.1
NCBI Official Full Name	troponin
NCBI Official Synonym Full Names	troponin I type 2a (skeletal, fast), tandem duplicate 2
NCBI Official Symbol	tnni2a.2
NCBI Official Synonym Symbols	Tnni2; zgc:56294
NCBI Protein Information	troponin; tropl-1b; troponin I, skeletal, fast 2a.2; troponin I, skeletal, fast 2a, tandem duplicate 2

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/tn-chicken-elisa-kits/troponin/245100>