

Rat Troponin T ELISA Kit | Tn-T elisa kit

Rat Troponin T ELISA Kit

CATALOG #
AAA101772

REACTIVITY
Rat

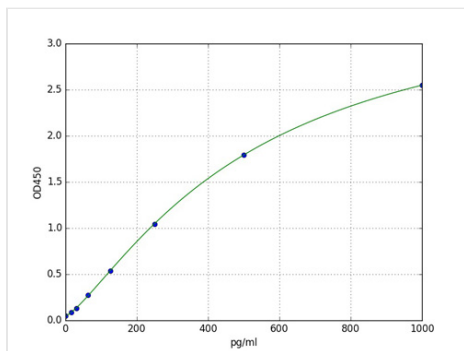
PRODUCT SYNONYMS

Troponin T; Rat Troponin T ELISA Kit; Tn-T; Tn-T elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	11
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat Tn-T ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.045	0.127	0.184	0.333	0.665	1.169	1.573	2.249

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Tn-T elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Tn-T antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Tn-T antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat Tn-T amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Tn-T can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4261776

NCBI GeneID	7139
Molecular Weight	30,681 Da
NCBI Official Full Name	troponin T, partial
NCBI Official Synonym Full Names	troponin T2, cardiac type
NCBI Official Symbol	TNNT2
NCBI Official Synonym Symbols	CMH2; RCM3; TnTC; cTnT; CMD1D; CMPD2; LVNC6
NCBI Protein Information	troponin T, cardiac muscle
UniProt Protein Name	Troponin T, cardiac muscle
UniProt Gene Name	TNNT2
UniProt Synonym Gene Names	TnTc; cTnT
UniProt Entry Name	TNNT2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tn-t-rat-elisa-kits/troponin-t/101772>