

Canine Troponin T (TNT) ELISA Kit | TNT elisa kit

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CATALOG #
AAA136551

REACTIVITY
Canine

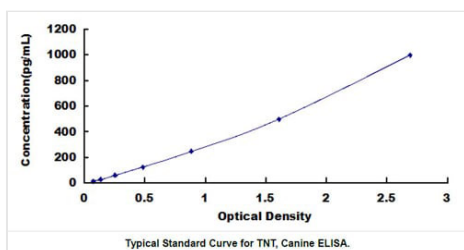
PRODUCT SYNONYMS

Troponin T (TNT); Canine Troponin T (TNT) ELISA Kit; TNT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	11
Samples	Serum, plasma and other biological fluids
Assay Type	Sandwich
Detection Range	15.63-1000pg/mL The standard curve concentrations used for the ELISA's were 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.25pg/mL, 15.63pg/mL
Sensitivity	5.6pg/mL
Preparation and Storage	For unopened kit, all the reagents should be kept according to the label on each vial. The Standard, Detection Reagent A, Detection Reagent B and the 96-well strip plate should be stored at -20 degree C while others should be at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNT elisa kit

The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Troponin T (TNT). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Troponin T (TNT). 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 Troponin T (TNT), 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 $\pm$ 10nm. The concentration of Troponin T (TNT) in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4261776

Molecular Weight	1,362 Da
NCBI Official Full Name	troponin T, partial
UniProt Protein Name	Troponin T protein
UniProt Gene Name	troponin T
UniProt Entry Name	V9H0A7_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.

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Online datasheet: <https://stage.aaabiotech.com/canine-elisa-kits/troponin-t-tnt/136551>