

Canine Cardiac troponin I, cTn-I ELISA Kit | cTn-I elisa kit

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CATALOG #
AAA43393

REACTIVITY
Canine

PRODUCT SYNONYMS

Cardiac troponin I; cTn-I; Canine cardiac troponin I; cTn-I ELISA Kit; cTn-I elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	189
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L - 1500ng/L
Sensitivity	2.61ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for cTn-I elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Cardiac Troponin ? (also known as CTNI) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine CTNI antibody. CTNI present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine CTNI Antibody is added and binds to CTNI in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CTNI antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Canine CTNI. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	297206842
NCBI GeneID	100462680
NCBI Accession #	NP_001171957.1
NCBI GenBank Nucleotide #	NM_001185028.1
NCBI Official Full Name	cardiac troponin I
NCBI Official Symbol	LOC100462680
NCBI Protein Information	cardiac troponin I

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/cardiac-troponin-i-ctn-i/43393>