

Dog Cardiac Troponin I (cTn-I) ELISA Kit | cTn- elisa kit

Canine Cardiac Troponin I , cTn-I ELISA Kit

CATALOG #
AAA15068

REACTIVITY
Dog

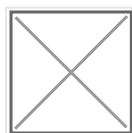
PRODUCT SYNONYMS

Cardiac Troponin I (cTn-I); Canine Cardiac Troponin I ; cTn-I ELISA Kit; Canine Cardiac Troponin I (cTn-I) ELISA kit; Cardiac Troponin I (cTn-I); cTn- elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of canine CTN-I. No significant cross-reactivity or interference between canine CTN-I and analogues was observed.
Sequence Length	189
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	23.5 pg/ml-1500 pg/ml
Sensitivity	< 5.8 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for cTn-elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CTN-I has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CTN-I present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CTN-I is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CTN-I bound in the initial step. The color development is stopped and the intensity of the color is measured.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ctn-dog-elisa-kits/cardiac-troponin-i-ctn-i/15068>