

Human cardiac troponin I (cTn-I) ELISA Kit | cTn-I elisa kit

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CATALOG #
AAA13100

REACTIVITY
Human

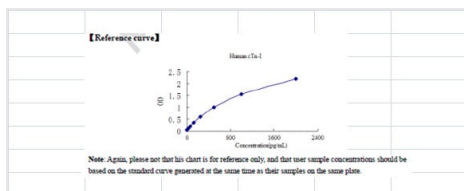
PRODUCT SYNONYMS

cardiac troponin I (cTn-I); Human cardiac troponin I (cTn-I) ELISA Kit; cTn-I elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	189
Samples	Human serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	2000 pg/mL-31.2 pg/mL
Sensitivity	Up to 12 pg/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for cTn-I elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human cTn- I monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

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/human-elisa-kits/cardiac-troponin-i-ctn-i/13100>