

Mouse cardiac troponin I, cTn-I ELISA Kit | cTn-I elisa kit

Mouse cardiac troponin I, cTn-I ELISA Kit

CATALOG #
AAA43037

REACTIVITY
Mouse

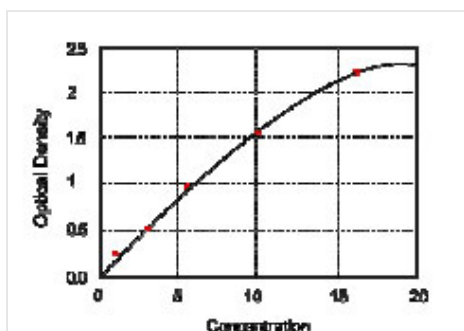
PRODUCT SYNONYMS

cardiac troponin I; cTn-I; Mouse cardiac troponin I; cTn-I ELISA Kit; cTn-I elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	189
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5pg/ml - 2000pg/ml
Sensitivity	2.47pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 Mouse Cardiac Troponin I (also known as cTn-I) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse cTn-I antibody. cTn-I present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse cTn-I Antibody is added and binds to cTn-I in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated cTn-I 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 Mouse cTn-I. 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/cardiac-troponin-i-ctn-i/43037>