

Human Cardiac myosin-light chains 1, CMLC-1 ELISA Kit | CMLC-1 elisa kit

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CATALOG #
AAA41447

REACTIVITY
Human

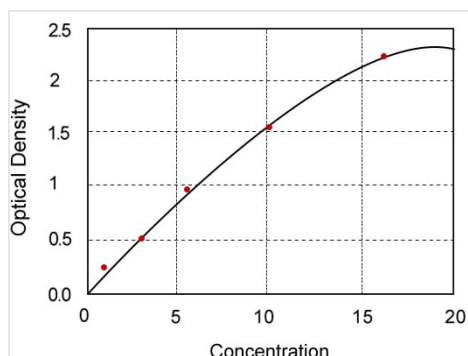
PRODUCT SYNONYMS

Cardiac myosin-light chains 1; CMLC-1; Human Cardiac myosin-light chains 1; CMLC-1 ELISA Kit; CMLC-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	195
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.13ng/ml
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 CMLC-1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Cardiac Myosin-light Chains 1 (also known as CMLC-1) 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 human CMLC-1 antibody. CMLC-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CMLC-1 Antibody is added and binds to CMLC-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CMLC-1 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 human CMLC-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9651188
NCBI GeneID	4634
UniProt Accession #	P08590; Q9NRS8; B2R534
Molecular Weight	21,932 Da
NCBI Official Full Name	cardiac myosin light chain-1
NCBI Official Synonym Full Names	myosin light chain 3
NCBI Official Symbol	MYL3
NCBI Official Synonym Symbols	CMH8; VLC1; VLCL; MLC1V; MLC1SB; MLC-IV/sb
NCBI Protein Information	myosin light chain 3
UniProt Protein Name	Myosin light chain 3
UniProt Gene Name	MYL3
UniProt Synonym Gene Names	CMLC11 PublicationManual assertion based on opinion iniRef.5; MLC1SB; VLCL1 PublicationManual assertion based on opinion iniRef.2; MLC-IV/sb1 PublicationManual assertion based on opinion iniRef.4

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-myosin-light-chains-1-cmlc-1/41447>