

Human Myosin Light Chain 3, MYL3 ELISA Kit | MYL3 elisa kit

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CATALOG #
AAA123244

REACTIVITY
Human

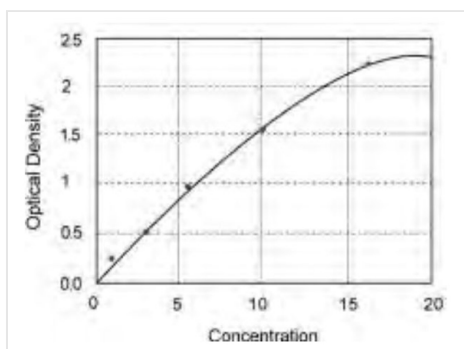
PRODUCT SYNONYMS

Myosin Light Chain 3; MYL3; Human Myosin Light Chain 3; MYL3 ELISA Kit; MYL3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	195
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	20-4500ng/L
Sensitivity	12.93ng/L
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 MYL3 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human MLC-3 antibody. MLC-3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human MLC-3 Antibody is added and binds to MLC-3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MLC-3 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 MLC-3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Myosin Light Chain 3 (also known as MLC-3) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557777
NCBI GeneID	4634
NCBI GenBank Nucleotide #	NP_000249.1
UniProt Accession #	P08590
NCBI Official Full Name	myosin light chain 3
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	CMLC1; MLC1SB
UniProt Entry Name	MYL3_HUMAN

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.