

Rat Myosin Light Chain 3 ELISA Kit | MYL3 elisa kit

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CATALOG #
AAA122919

REACTIVITY
Rat

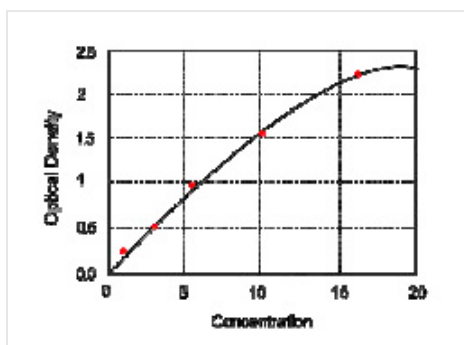
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	195
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.3ng/ml-90ng/ml
Sensitivity	0.13ng/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 MYL3 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Myosin Light Chain 1,3, Skeletal Muscle Isoform (also known as MYL1) 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 Rat MYL1 antibody. MYL1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat MYL1 Antibody is added and binds to MYL1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MYL1 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 Rat MYL1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557777
NCBI GeneID	4634
NCBI Accession #	NP_000249.1
NCBI GenBank Nucleotide #	NM_000258.2
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; VLCI; 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.