Mouse Myosin regulatory light chain 2, ventricular/cardiac muscle isoform, MYL2 ELISA Kit | MYL2 elisa kit

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CATALOG #	REACTIVITY
AAA123401	**Mouse**

PRODUCT SYNONYMS

Myosin regulatory light chain 2; ventricular/cardiac muscle isoform; MYL2; Mouse Myosin regulatory light chain 2; MYL2 ELISA Kit; MYL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	170
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	10-2000ng/L
Sensitivity	5.59ng/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 MYL2 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse MYL2 antibody. MYL2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse MYL2 Antibody is added and binds to MYL2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MYL2 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 MYL2. 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 Mouse Myosin regulatory light chain 2, ventricular;cardiac muscle isoform (also known as MYL2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	115497166
NCBI GeneID	514106
NCBI GenBank Nucleotide #	NP_001069115.1
UniProt Accession #	Q0P571
NCBI Official Full Name	myosin regulatory light chain 2, skeletal muscle isoform
NCBI Official Synonym Full Names	myosin light chain, phosphorylatable, fast skeletal muscle
NCBI Official Symbol	MYLPF
NCBI Protein Information	myosin regulatory light chain 2, skeletal muscle isoform
UniProt Protein Name	Myosin regulatory light chain 2, skeletal muscle isoform
UniProt Gene Name	**MYLPF**

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/mouse-elisa-kits/myosin-regulatory-light-chain-2-ventricular-cardiac-muscle-isoform-myl2/123401