

Human Myosin light chain 4 (MYL4) ELISA Kit | MYL4 elisa kit

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CATALOG #
AAA43815

REACTIVITY
Human

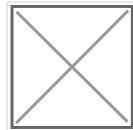
PRODUCT SYNONYMS

Myosin light chain 4 (MYL4); Human Myosin light chain 4 (MYL4) ELISA Kit; MYL4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	197
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.024ng/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 MYL4 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Myosin Light Chain 4 (also known as MYL4) 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 MYL4 antibody. MYL4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human MYL4 Antibody is added and binds to MYL4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MYL4 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 MYL4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50845428
NCBI GeneID	4635
NCBI Accession #	NP_001002841.1

NCBI GenBank Nucleotide #	NM_001002841.1
UniProt Accession #	P12829 ; P11783 ; D3DXJ7
Molecular Weight	21,565 Da
NCBI Official Full Name	myosin light chain 4
NCBI Official Synonym Full Names	myosin light chain 4
NCBI Official Symbol	MYL4
NCBI Official Synonym Symbols	GT1; ALC1; AMLC; PRO1957
NCBI Protein Information	myosin light chain 4
UniProt Protein Name	Myosin light chain 4
UniProt Gene Name	MYL4
UniProt Synonym Gene Names	MLC1

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/myosin-light-chain-4-myl4/43815>