

Human MYL1 ELISA Kit | MYL1 elisa kit

Human MYL1 (Myosin Light Chain 1, Alkali, Fast Skeletal) ELISA Kit

CATALOG #
AAA163630

REACTIVITY
Human

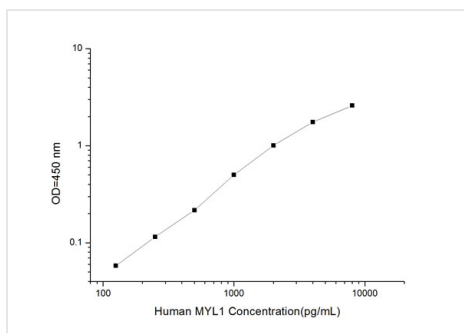
PRODUCT SYNONYMS

MYL1; Human MYL1 (Myosin Light Chain 1; Alkali; Fast Skeletal) ELISA Kit; MYL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human MYL1. No significant cross-reactivity or interference between Human MYL1 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human MYL1 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	194
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	125-8000pg/mL
Sensitivity	Min: 75pg/mL; Max: 8000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYL1 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MYL1 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human MYL1. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human MYL1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human MYL1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human MYL1. You can calculate the concentration of Human MYL1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48145855
NCBI GeneID	4632
UniProt Accession #	P05976; P06741; Q6IBD5; B2R4N6; B2R4T6
Molecular Weight	16,684 Da
NCBI Official Full Name	MYL1
NCBI Official Synonym Full Names	myosin, light chain 1, alkali; skeletal, fast
NCBI Official Symbol	MYL1
NCBI Official Synonym Symbols	MLC1F; MLC3F
NCBI Protein Information	myosin light chain 1/3, skeletal muscle isoform; A1 catalytic; A2 catalytic; MLC1/MLC3; MLC1F/MLC3F; myosin light chain A1/A2; myosin light chain alkali 1/2; myosin, light polypeptide 1, alkali; skeletal, fast
UniProt Protein Name	Myosin light chain 1/3, skeletal muscle isoform
UniProt Gene Name	MYL1
UniProt Synonym Gene Names	MLC1/MLC3; MLC1F/MLC3F; Myosin light chain A1/A2
UniProt Entry Name	MYL1_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.