

Human Myosin Light Chain 9, Regulatory (MYL9) RTU ELISA Kit | MYL9 rtu elisa kit

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CATALOG #
AAA217271

REACTIVITY
Human

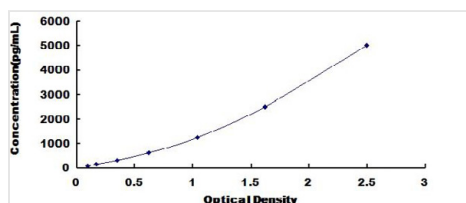
PRODUCT SYNONYMS

Myosin Light Chain 9; Regulatory (MYL9); Human Myosin Light Chain 9; Regulatory (MYL9) ELISA Kit; MLC2; LC20; MYRL2; MRLC1; 20 kDa myosin light chain; Myosin Regulatory Light Chain 2; Smooth Muscle Isoform; Myosin Regulatory Light Chain 1; MYL9 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	172
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	78.1-5000pg/mL
Sensitivity	29pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYL9 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MYL9. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MYL9. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MYL9, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of MYL9 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29568111
NCBI GeneID	10398
NCBI Accession #	NP_006088.2
NCBI GenBank Nucleotide #	NM_006097.4
UniProt Accession #	P24844; Q9BQL9; Q9BUF9; Q9H136; E1P5T6
Molecular Weight	13,866 Da
NCBI Official Full Name	myosin regulatory light polypeptide 9 isoform a
NCBI Official Synonym Full Names	myosin light chain 9
NCBI Official Symbol	MYL9
NCBI Official Synonym Symbols	LC20; MLC2; MRLC1; MYRL2; MLC-2C
NCBI Protein Information	myosin regulatory light polypeptide 9
UniProt Protein Name	Myosin regulatory light polypeptide 9
UniProt Gene Name	MYL9
UniProt Synonym Gene Names	MLC2; MRLC1; MYRL2; LC20

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-rtu-elisa-kits/myosin-light-chain-9-regulatory-myl9/217271>