

Rat Myosin regulatory light polypeptide 9 ELISA Kit | Myl9 elisa kit

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CATALOG #
AAA195546

REACTIVITY
Rat

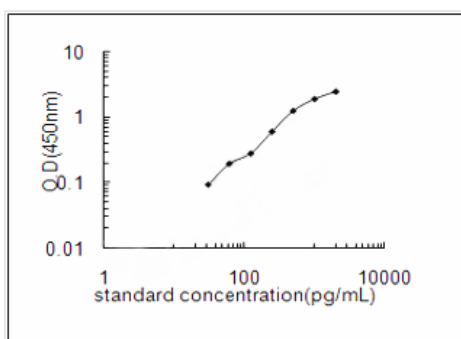
PRODUCT SYNONYMS

Myosin regulatory light polypeptide 9; Rat Myosin regulatory light polypeptide 9 ELISA Kit; Myosin regulatory light chain 2; smooth muscle isoform; Myosin regulatory light chain 9; Myl9; Myrl2; Myl9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Myosin regulatory light polypeptide 9. No significant cross-reactivity or interference was observed.
Sequence Length	171
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	31.2 pg/mL -2000 pg/mL
Sensitivity	15.6 pg/mL
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Myl9 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat Myosin regulatory light polypeptide 9 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Myosin regulatory light polypeptide 9. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Myosin regulatory light polypeptide 9 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Myosin regulatory light polypeptide 9, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of Myosin regulatory light polypeptide 9 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	154937382
NCBI GeneID	296313
NCBI Accession #	NP_001094355.1
NCBI GenBank Nucleotide #	NM_001100885.1
UniProt Accession #	Q64122
Molecular Weight	19,721 Da
NCBI Official Full Name	myosin regulatory light polypeptide 9
NCBI Official Synonym Full Names	myosin light chain 9
NCBI Official Symbol	Myl9
NCBI Protein Information	myosin regulatory light polypeptide 9
UniProt Protein Name	Myosin regulatory light polypeptide 9
UniProt Gene Name	Myl9
UniProt Synonym Gene Names	Myrl2
UniProt Entry Name	MYL9_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/myl9-rat-elisa-kits/myosin-regulatory-light-polypeptide-9/195546>