

Mouse Myosin-9 ELISA Kit | Myh9 elisa kit

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CATALOG #
AAA192678

REACTIVITY
Mouse

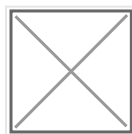
PRODUCT SYNONYMS

Myosin-9; Mouse Myosin-9 ELISA Kit; Cellular myosin heavy chain; type A; Myosin heavy chain 9; Myosin heavy chain; non-muscle IIa; Non-muscle myosin heavy chain A; NMMHC-A; Non-muscle myosin heavy chain IIa; Myh9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Myosin-9
Sequence Length	1960
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	31.2 pg/mL-2000 pg/mL.less than 15.68 pg/mL
Sensitivity	< 15.68 pg/mL
Intra-assay Precision	<=4.3%
Inter-assay Precision	<=6.2%
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 Myh9 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 $\pm$ 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #

114326446

NCBI GeneID	17886
NCBI Accession #	NP_071855.2
NCBI GenBank Nucleotide #	NM_022410.3
UniProt Accession #	Q8VDD5; Q3UHT9; Q3UHU4; Q6KAN6; Q811I2
Molecular Weight	226,372 Da
NCBI Official Full Name	myosin-9
NCBI Official Synonym Full Names	myosin, heavy polypeptide 9, non-muscle
NCBI Official Symbol	Myh9
NCBI Official Synonym Symbols	Fltn; Myhn1; Myhn-1; TU72.6; NMHCIIA; NMMHC-A; NMMHC-IIA
NCBI Protein Information	myosin-9
UniProt Protein Name	Myosin-9
UniProt Gene Name	Myh9
UniProt Synonym Gene Names	NMMHC-A; NMMHC II-a; NMMHC-IIA
UniProt Entry Name	MYH9_MOUSE

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/myh9-mouse-elisa-kits/myosin-9/192678>