

Rat Myosin-7 ELISA Kit | Myh7 elisa kit

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CATALOG #
AAA194870

REACTIVITY
Rat

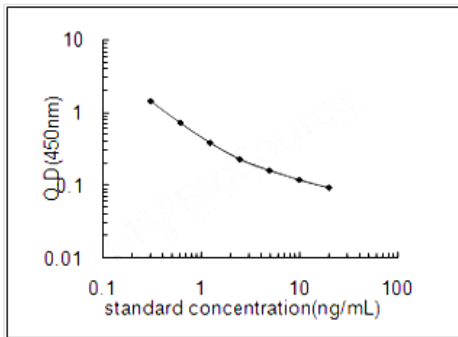
PRODUCT SYNONYMS

Myosin-7; Rat Myosin-7 ELISA Kit; Myosin heavy chain 7; Myosin heavy chain slow isoform; MyHC-slow; Myosin heavy chain; cardiac muscle beta isoform; MyHC-beta; Myh7; Myh7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1935
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Intra-Assay CV	<=4.8%
Inter-Assay CV	<=7.9%
Recovery	93%
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 Myh7 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 #	8393807
NCBI GeneID	29557
NCBI Accession #	NP_058936.1
NCBI GenBank Nucleotide #	NM_017240.2
UniProt Accession #	P02564
Molecular Weight	223,083 Da
NCBI Official Full Name	myosin-7
NCBI Official Synonym Full Names	myosin, heavy chain 7, cardiac muscle, beta
NCBI Official Symbol	Myh7
NCBI Official Synonym Symbols	Bmyo; Myhcb; myHC-beta; myHC-slow
NCBI Protein Information	myosin-7
UniProt Protein Name	Myosin-7
UniProt Gene Name	Myh7
UniProt Synonym Gene Names	MyHC-slow; MyHC-beta
UniProt Entry Name	MYH7_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.

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Online datasheet: <https://stage.aaabiotech.com/myh7-rat-elisa-kits/myosin-7/194870>