

Mouse Myosin Heavy Chain 2, Skeletal Muscle, Adult (MYH2) RTU ELISA Kit | MYH2 rtu elisa kit

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CATALOG #
AAA217258

REACTIVITY
Mouse

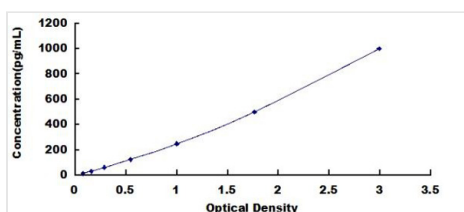
PRODUCT SYNONYMS

Myosin Heavy Chain 2; Skeletal Muscle; Adult (MYH2); Mouse Myosin Heavy Chain 2; Adult (MYH2) ELISA Kit; MYH2A; MYHSA2; MYHas8; MyHC-2A; MyHC-IIa; MYH2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	1942
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	15.6-1000pg/mL
Sensitivity	6.9pg/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 MYH2 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MYH2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MYH2. 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 MYH2, 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 MYH2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	205830428
NCBI GeneID	17882
NCBI Accession #	NP_001034634.2
NCBI GenBank Nucleotide #	NM_001039545.2
UniProt Accession #	G3UW82
Molecular Weight	223,219 Da
NCBI Official Full Name	myosin-2
NCBI Official Synonym Full Names	myosin, heavy polypeptide 2, skeletal muscle, adult
NCBI Official Symbol	Myh2
NCBI Official Synonym Symbols	MHC2A; Myh2a; Myhs-f; Myhsf1; Myhs-f1; MyHC-IIa
NCBI Protein Information	myosin-2
UniProt Protein Name	MCG140437, isoform CRA_d
UniProt Gene Name	Myh2

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/mouse-rtu-elisa-kits/myosin-heavy-chain-2-skeletal-muscle-adult-myh2/217258>