

Human Myosin-1 ELISA Kit | MYH1 elisa kit

Human Myosin-1 ELISA Kit

CATALOG #
AAA102127

REACTIVITY
Human

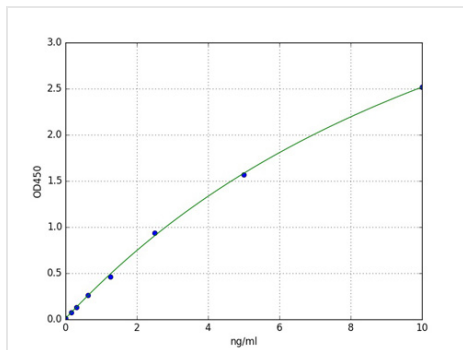
PRODUCT SYNONYMS

Myosin-1; Human Myosin-1 ELISA Kit; MYH1 (Myosin Heavy Chain 1; Skeletal Muscle; Adult)/Myosin-1/Myosin heavy chain 1/Myosin heavy chain 2x (MyHC-2x); MYH1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1176
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a Human MYH1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450								

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYH1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human MYH1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human MYH1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human MYH1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human MYH1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	334185486
NCBI GeneID	821534
NCBI Accession #	NP_001154628.2
NCBI GenBank Nucleotide #	NM_001161156.2
Molecular Weight	131,129 Da
NCBI Official Full Name	myosin 1
NCBI Official Symbol	ATM1
NCBI Official Synonym Symbols	MYOSIN; myosin 1
NCBI Protein Information	myosin 1
UniProt Protein Name	Myosin-1
UniProt Gene Name	VIII-1
UniProt Synonym Gene Names	ATM; ATM1
UniProt Entry Name	MYO1_ARATH

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/myh1-human-elisa-kits/myosin-1/102127>