

Mouse Myosin Heavy Chain ELISA Kit | MHC elisa kit

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CATALOG #
AAA17281

REACTIVITY
Mouse

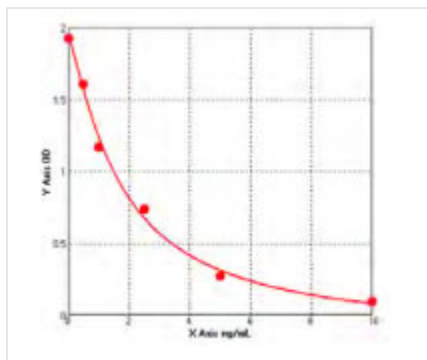
PRODUCT SYNONYMS

Myosin Heavy Chain; Mouse Myosin Heavy Chain ELISA Kit; MHC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of MYH. No significant cross-reactivity or interference between MYH and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between MYH and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MHC elisa kit	Principle of the Assay: MYH ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-MYH antibody and an MYH-HRP conjugate. The assay sample and buffer are incubated together with MYH-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the MYH concentration since MYH from samples and MYH-HRP conjugate compete for the anti-MYH antibody binding site. Since the number of sites is limited, as more sites are occupied by MYH from the sample, fewer sites are left to bind MYH-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MYH concentration in each sample is interpolated from this standard curve. Intended Uses: This MYH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse MYH. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for MHC elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	239937539
NCBI GeneID	100125433
NCBI Accession #	NP_001155229.1
NCBI GenBank Nucleotide #	NM_001161757.1
NCBI Official Full Name	myosin heavy chain
NCBI Official Symbol	mmyhl1
NCBI Protein Information	myosin heavy chain

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/mhc-mouse-elisa-kits/myosin-heavy-chain/17281>