

Rat Myosin Heavy Chain ELISA Kit | MHC elisa kit

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CATALOG #
AAA97421

REACTIVITY
Rat

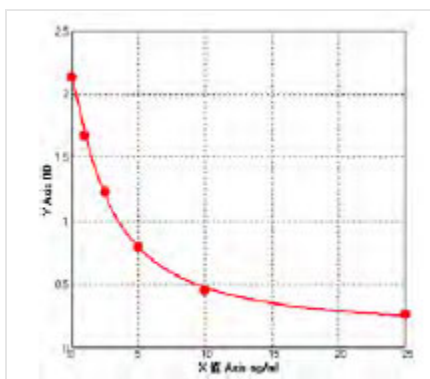
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
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

Intended Uses: This MYF6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of PorcineMYF6. This ELISA kit for research use only!

Principle of the Assay: MYF6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-MYF6 antibody and an MYF6-HRP conjugate. The assay sample and buffer are incubated together with MYF6-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 MYF6 concentration since MYF6 from samples and MYF6-HRP conjugate compete for the anti-MYF6 antibody binding site. Since the number of sites is limited, as more sites are occupied by MYF6 from the sample, fewer sites are left to bind MYF6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MYF6 concentration in each sample is interpolated from this standard curve.

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-rat-elisa-kits/myosin-heavy-chain/97421>