

Human cardiac myosin heavy chain, MHC autoantibody ELISA Kit | MHC elisa kit

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CATALOG #
AAA180842

REACTIVITY
Human

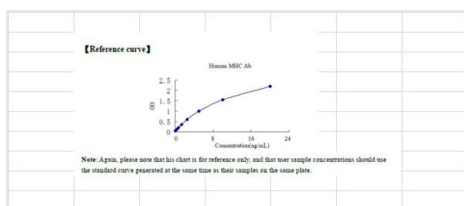
PRODUCT SYNONYMS

cardiac myosin heavy chain; MHC autoantibody; Human cardiac myosin heavy chain; MHC autoantibody ELISA Kit; MHC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1934
Samples	Human serum, plasma, or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
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: As mentioned above, this kit utilizes the Double Antigen Sandwich ELISA technique. The pre-coated antigen is a related-Human MHC Ab antigen, while the detection antigen is another antigen. Samples are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29727
NCBI GeneID	4625
UniProt Accession #	P12883; Q14836; Q14837; Q14904; Q16579; Q2M1Y6; Q92679; Q9H1D5; Q9UDA2; Q9UMM8; A2TDB6; B6D424

Molecular Weight	223,097 Da
NCBI Official Full Name	cardiac beta myosin heavy chain
NCBI Official Synonym Full Names	myosin, heavy chain 7, cardiac muscle, beta
NCBI Official Symbol	MYH7
NCBI Official Synonym Symbols	CMH1; MPD1; SPMD; SPMM; CMD1S; MYHCB
NCBI Protein Information	myosin-7
UniProt Protein Name	Myosin-7
UniProt Gene Name	MYH7
UniProt Synonym Gene Names	MYHCB; MyHC-slow; MyHC-beta
UniProt Entry Name	MYH7_HUMAN

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/human-elisa-kits/cardiac-myosin-heavy-chain-mhc-autoantibody/180842>