Human Myosin Heavy Chain 7B, Cardiac Muscle Beta Antibody (MYH7B) ELISA Kit | MYH7B elisa kit

Human Anti-Myosin Heavy Chain 7B, Cardiac Muscle Beta Antibody (Anti-MYH7B)(Competitive EIA) ELISA Kit

CATALOG #	REACTIVITY	APPLICATIONS
AAA189606	**Human**	**ELISA**

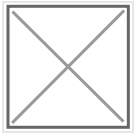
PRODUCT SYNONYMS

Myosin Heavy Chain 7B; Cardiac Muscle Beta Antibody (MYH7B); Human Anti-Myosin Heavy Chain 7B; Cardiac Muscle Beta Antibody (Anti-MYH7B)(Competitive EIA) ELISA Kit; ELISA Kit for Anti-Myosin Heavy Chain 7B; Cardiac Muscle Beta Antibody (Anti-MYH7B); Anti-MYH7B/Anti-Myosin Heavy Chain 7B; Cardiac Muscle Beta Antibody; MYH14; MHC14; Antigen MLAA-21; Myosin cardiac muscle beta chain; MYH7B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Anti-MYH7B. No significant cross-reactivity or interference between Anti-MYH7B and analogues was observed.
Samples	Human serum, plasma and other biological fluids
Detection Range	3.12-200ng/mL
Sensitivity	< 1.25ng/mL
Applicable Applications for MYH7B elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Anti-MYH7B were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Anti-MYH7B were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/ -20 degree C for long-term (within shelf life). The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYH7B elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with MYH7B. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Anti-MYH7B 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 ± 10nm. The concentration of Anti-MYH7B in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is an enzyme immunoassay for in vitro quantitative measurement of Anti-MYH7B in human serum, plasma and other biological fluids.
Product Categories/Family for MYH7B elisa kit	Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	599045671
NCBI GeneID	57644
NCBI Accession #	NP_065935.3
NCBI GenBank Nucleotide #	NM_020884.4
UniProt Accession #	A7E2Y1; Q5JVW7; Q6NT44; Q6NT57; Q6WG75; Q96I57; Q9NWE2; Q9P216
Molecular Weight	20,273 Da
NCBI Official Full Name	myosin-7B
NCBI Official Synonym Full Names	myosin heavy chain 7B
NCBI Official Symbol	MYH7B
NCBI Official Synonym Symbols	MHC14; MYH14
NCBI Protein Information	myosin-7B
UniProt Protein Name	Myosin-7B
UniProt Gene Name	**MYH7B**
UniProt Synonym Gene Names	KIAA1512

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/myosin-heavy-chain-7b-cardiac-muscle-beta-antibody-myh7b/189606