

Human MYH10 ELISA Kit | MYH10 elisa kit

Human MYH10 (Myosin Heavy Chain 10, Non Muscle) ELISA Kit

CATALOG #
AAA21810

REACTIVITY
Human

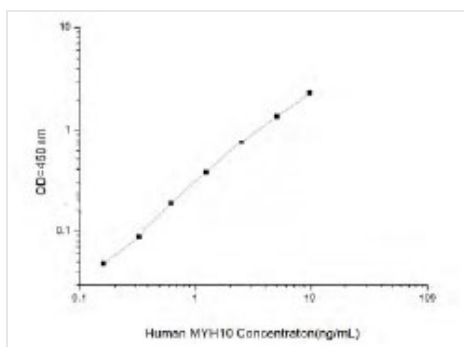
PRODUCT SYNONYMS

MYH10; Human MYH10 (Myosin Heavy Chain 10; Non Muscle) ELISA Kit; MYH10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human MYH10 in samples. No significant cross-reactivity or interference between Human MYH10 and analogues was observed.
Sequence Length	2007
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.16-10ng/mL
Sensitivity	0.1ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human MYH10 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human MYH10 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYH10 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human MYH10 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human MYH10. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human MYH10 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human MYH10, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human MYH10. You can calculate the concentration of Human MYH10 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	365192532
NCBI GeneID	4628
NCBI Accession #	NP_001242941.1
NCBI GenBank Nucleotide #	NM_001256012.1
UniProt Accession #	P35580; Q12989; Q149N3; Q149N4; Q16087; Q4LE45; Q6PK16; Q9BWG0; B2RWP9; D3DTS1; F8VTL3
Molecular Weight	230,030 Da
NCBI Official Full Name	myosin-10 isoform 1
NCBI Official Synonym Full Names	myosin, heavy chain 10, non-muscle
NCBI Official Symbol	MYH10
NCBI Official Synonym Symbols	NMMHCB; NMMHC-IIB
NCBI Protein Information	myosin-10; cellular myosin heavy chain, type B; myosin heavy chain, nonmuscle type B; myosin, heavy polypeptide 10, non-muscle; nonmuscle myosin II heavy chain-B; nonmuscle myosin heavy chain IIB
UniProt Protein Name	Myosin-10
UniProt Gene Name	MYH10
UniProt Synonym Gene Names	NMMHC-B; NMMHC II-b; NMMHC-IIB
UniProt Entry Name	MYH10_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.