

Human MYH9 ELISA Kit | MYH9 elisa kit

Human MYH9 (Myosin Heavy Chain 9, Non Muscle) ELISA Kit

CATALOG #
AAA21515

REACTIVITY
Human

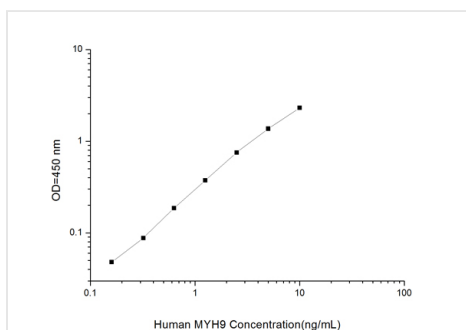
PRODUCT SYNONYMS

MYH9; Human MYH9 (Myosin Heavy Chain 9; Non Muscle) ELISA Kit; MYH9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human MVP in samples. No Significant cross-reactivity or interference between Human MVP and analogues was observed.
Sequence Length	1960
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.16-10 ng/mL
Sensitivity	0.1 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human MVP 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 MVP 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 MYH9 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human MVP 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 MVP. 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 MVP 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 MVP, 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 MVP. You can calculate the concentration of Human MVP in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12667788
NCBI GeneID	4627
NCBI Accession #	NP_002464.1
NCBI GenBank Nucleotide #	NM_002473.5
UniProt Accession #	P35579; O60805; Q60FE2; Q86T83; A8K6E4
Molecular Weight	159,864 Da
NCBI Official Full Name	myosin-9
NCBI Official Synonym Full Names	myosin, heavy chain 9, non-muscle
NCBI Official Symbol	MYH9
NCBI Official Synonym Symbols	MHA; FTNS; EPSTS; BDPLT6; DFNA17; NMMHCA; NMHC-II-A; NMMHC-IIA
NCBI Protein Information	myosin-9; cellular myosin heavy chain, type A; non-muscle myosin heavy chain A; non-muscle myosin heavy chain IIa; non-muscle myosin heavy polypeptide 9; nonmuscle myosin heavy chain II-A
UniProt Protein Name	Myosin-9
UniProt Gene Name	MYH9
UniProt Synonym Gene Names	NMMHC-A; NMMHC II-a; NMMHC-IIA
UniProt Entry Name	MYH9_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.