

Human MY06 (Unconventional myosin-VI) ELISA Kit | MY06 elisa kit

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CATALOG #
AAA251029

REACTIVITY
Human

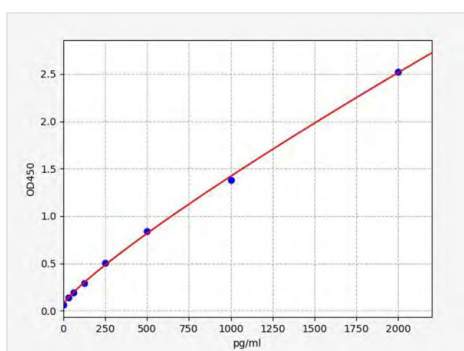
PRODUCT SYNONYMS

MY06 (Unconventional myosin-VI); Human MY06 (Unconventional myosin-VI) ELISA Kit; MY06; Unconventional myosin-6; Unconventional myosin-VI; MY06 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize MY06, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MY06 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti MY06 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti MY06 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with MY06 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of MY06 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	665505983
NCBI GeneID	4646
NCBI Accession #	NP_001287828.1
NCBI GenBank Nucleotide #	NM_001300899.1
UniProt Accession #	Q9UM54; Q5TEM5; Q5TEM6; Q5TEM7; Q9BZZ7; Q9UEG2; A6H8V4; E1P540
NCBI Official Full Name	unconventional myosin-VI isoform 2
NCBI Official Synonym Full Names	myosin VI
NCBI Official Symbol	MYO6
NCBI Official Synonym Symbols	DFNA22; DFNB37
NCBI Protein Information	unconventional myosin-VI; unconventional myosin-6
UniProt Protein Name	Unconventional myosin-VI
UniProt Gene Name	MYO6
UniProt Synonym Gene Names	KIAA0389
UniProt Entry Name	MYO6_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/my06-unconventional-myosin-vi/251029>