

Human Myosin-X (MYO10) ELISA Kit | MYO10 elisa kit

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CATALOG #
AAA331595

REACTIVITY
Human

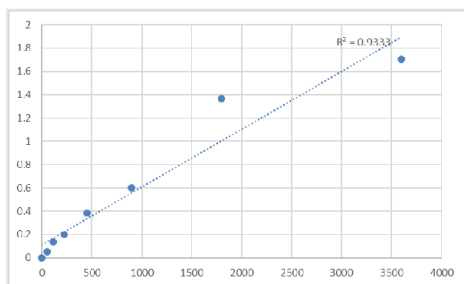
PRODUCT SYNONYMS

Myosin-X (MYO10); Human Myosin-X (MYO10) ELISA Kit; MYO10; FLJ10639; FLJ21066; FLJ22268; FLJ43256; KIAA0799; MGC131988; MYO10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Myosin-X (MYO10) ELISA Kit has high sensitivity and excellent specificity for detection of Human MYO10. No significant cross-reactivity or interference between Human MYO10 and analogues was observed.
Sequence Length	2058
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Myosin-X (MYO10) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MYO10 elisa kit	Description: This Human Myosin-X (MYO10) ELISA Kit employs a two-site sandwich ELISA to quantitate MYO10 in samples. An antibody specific for MYO10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MYO10 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MYO10 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MYO10 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MYO10 encodes a member of the myosin superfamily. Myosin-X represents an unconventional myosin; it should not be confused with the conventional non-muscle myosin-10 (MYH10). Unconventional myosins contain the basic domains of conventional myosins and are further distinguished from class members by their tail domains. MYO10 functions as an actin-based molecular motor and plays a role in integration of F-actin and microtubule cytoskeletons during meiosis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	154354979
NCBI GeneID	4651
NCBI Accession #	NP_036466.2
NCBI GenBank Nucleotide #	NP_036466.2
UniProt Accession #	Q9HD67
NCBI Official Full Name	unconventional myosin-X
NCBI Official Synonym Full Names	myosin X
NCBI Official Symbol	MYO10
NCBI Protein Information	unconventional myosin-X
UniProt Protein Name	Unconventional myosin-X
UniProt Gene Name	MYO10
UniProt Synonym Gene Names	KIAA0799
UniProt Entry Name	MYO10_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/myosin-x-myo10/331595>