

Human Myosin-VIb (MYO7B) ELISA Kit | MYO7B elisa kit

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CATALOG #
AAA331574

REACTIVITY
Human

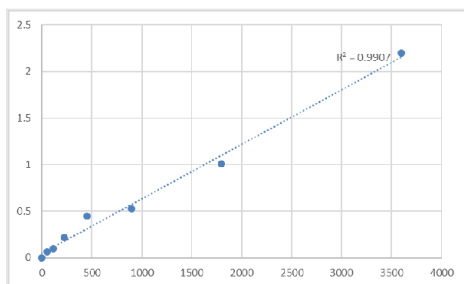
PRODUCT SYNONYMS

Myosin-VIb (MYO7B); Human Myosin-VIb (MYO7B) ELISA Kit; MYO7B; DKFZp686A08248; MYO7B variant protein; MYO7B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Myosin-VIb (MYO7B) ELISA Kit has high sensitivity and excellent specificity for detection of Human MYO7B. No significant cross-reactivity or interference between Human MYO7B and analogues was observed.
Sequence Length	2116
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-VIb (MYO7B) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MYO7B elisa kit	Description: This Human Myosin-VIIb (MYO7B) ELISA Kit employs a two-site sandwich ELISA to quantitate MYO7B in samples. An antibody specific for MYO7B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MYO7B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MYO7B 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 MYO7B bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Myosin-VIIb encoded by MYO7B is found in brush border microvilli of epithelial cells in the intestines and kidneys. Myosin-VIIb is involved in linking protocadherins to the actin cytoskeleton and is essential for proper microvilli function. This protein aids in the accumulation of intermicrovillar adhesion components such as harmonin and ANKS4B, and this accumulation is necessary for normal brush border action.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	122937512
NCBI GeneID	4648
NCBI Accession #	NP_001073996.1
NCBI GenBank Nucleotide #	NP_001073996.1
UniProt Accession #	Q6PIF6
NCBI Official Full Name	unconventional myosin-VIIb
NCBI Official Synonym Full Names	myosin VIIb
NCBI Official Symbol	MYO7B
NCBI Protein Information	unconventional myosin-VIIb
UniProt Protein Name	Unconventional myosin-VIIb
UniProt Gene Name	MYO7B

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-viib-myo7b/331574>