Human Myosin-XVIIIb (MYO18B) ELISA Kit | MYO18B elisa kit

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CATALOG #	REACTIVITY
AAA331590	**Human**

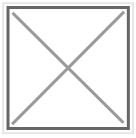
PRODUCT SYNONYMS

Myosin-XVIIIb (MYO18B); Human Myosin-XVIIIb (MYO18B) ELISA Kit; MYO18B; CTA-109D1.1; DKFZp434C2422; DKFZp779C1668; FLJ41942; myosin 18B; MYO18B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Myosin-XVIIIb (MYO18B) ELISA Kit has high sensitivity and excellent specificity for detection of Human MYO18B. No significant cross-reactivity or interference between Human MYO18B and analogues was observed.
Sequence Length	2567
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-XVIIIb (MYO18B) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MYO18B elisa kit	Description: This Human Myosin-XVIIIb (MYO18B) ELISA Kit employs a two-site sandwich ELISA to quantitate MYO18B in samples. An antibody specific for MYO18B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MYO18B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MYO18B 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 MYO18B bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Myosin-XVIIIb encoded by MYO18B may regulate muscle-specific genes when in the nucleus and may influence intracellular trafficking when in the cytoplasm. Myosin-XVIIIb functions as a homodimer and may interact with F actin. Mutations in MYO18B are associated with lung cancer.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51317366
NCBI GeneID	84700
NCBI Accession #	NP_115997.5
NCBI GenBank Nucleotide #	NP_115997.5
UniProt Accession #	Q8IUG5
NCBI Official Full Name	unconventional myosin-XVIIIb isoform 2
NCBI Official Synonym Full Names	myosin XVIIIB
NCBI Official Symbol	MYO18B
NCBI Official Synonym Symbols	KFS4
NCBI Protein Information	unconventional myosin-XVIIIb
UniProt Protein Name	Myosin-XVIIIb
UniProt Gene Name	**MYO18B**
UniProt Entry Name	MY18B_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-xviiib-myo18b/331590