

Human Myosin-Vc (MYO5C) ELISA Kit | MYO5C elisa kit

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CATALOG #
AAA331577

REACTIVITY
Human

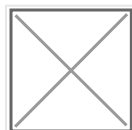
PRODUCT SYNONYMS

Myosin-Vc (MYO5C); Human Myosin-Vc (MYO5C) ELISA Kit; MYO5C; MGC74969; myosin 5C; MYO5C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Myosin-Vc (MYO5C) ELISA Kit has high sensitivity and excellent specificity for detection of Human MYO5C. No significant cross-reactivity or interference between Human MYO5C and analogues was observed.
Sequence Length	1742
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-Vc (MYO5C) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MYO5C elisa kit	Description: This Human Myosin-Vc (MYO5C) ELISA Kit employs a two-site sandwich ELISA to quantitate MYO5C in samples. An antibody specific for MYO5C has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MYO5C present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MYO5C 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 MYO5C bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MYO5C (Myosin VC) is a Protein Coding gene. Among its related pathways are Sertoli-Sertoli Cell Junction Dynamics and Actin Nucleation by ARP-WASP Complex. GO annotations related to this gene include actin binding and actin filament binding. An important paralog of this gene is MYO5A. May be involved in transferrin trafficking. Likely to power actin-based membrane trafficking in many physiologically crucial tissues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119597852
NCBI GeneID	55930
UniProt Accession #	Q9NQX4
NCBI Official Full Name	myosin VC
NCBI Official Synonym Full Names	myosin VC
NCBI Official Symbol	MYO5C
NCBI Protein Information	unconventional myosin-Vc
UniProt Protein Name	Unconventional myosin-Vc
UniProt Gene Name	MYO5C
UniProt Entry Name	MYO5C_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-vc-myo5c/331577>