

Human Myosin IG (MYO1G) ELISA Kit | MYO1G elisa kit

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CATALOG #
AAA331582

REACTIVITY
Human

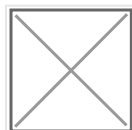
PRODUCT SYNONYMS

Myosin IG (MYO1G); Human Myosin IG (MYO1G) ELISA Kit; MYO1G; HA2; MGC142104; MHAG; minor histocompatibility antigen HA-2; MYO1G elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Myosin IG (MYO1G) ELISA Kit has high sensitivity and excellent specificity for detection of Human MYO1G. No significant cross-reactivity or interference between Human MYO1G and analogues was observed.
Sequence Length	1018
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 IG (MYO1G) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MYO1G elisa kit

Description: This Human Myosin IG (MYO1G) ELISA Kit employs a two-site sandwich ELISA to quantitate MYO1G in samples. An antibody specific for MYO1G has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MYO1G present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MYO1G 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 MYO1G bound in the initial step. The color development is stopped and the intensity of the color is measured.

Background: MYO1G is a plasma membrane-associated class I myosin (see MIM 601478) that is abundant in T and B lymphocytes and mast cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51094492
NCBI GeneID	64005
UniProt Accession #	B0I1T2
NCBI Official Full Name	myosin IG
NCBI Official Synonym Full Names	myosin IG
NCBI Official Symbol	MYO1G
NCBI Official Synonym Symbols	HA2; MHAG; HLA-HA2
NCBI Protein Information	unconventional myosin-Ig
UniProt Protein Name	Unconventional myosin-Ig
UniProt Gene Name	MYO1G
UniProt Synonym Gene Names	HA2; mHag HA-2
UniProt Entry Name	MYO1G_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-ig-myo1g/331582>