Human Myosin-XV (MYO15A) ELISA Kit | MYO15A elisa kit

Human Myosin-XV (MYO15A) ELISA Kit

CATALOG #	REACTIVITY
AAA331594	**Human**

PRODUCT SYNONYMS

Myosin-XV (MYO15A); Human Myosin-XV (MYO15A) ELISA Kit; MYO15A; DFNB3; DKFZp686N18198; FLJ17274; FLJ31311; MYO15; myosin XV; unconventional myosin-15; MYO15A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Myosin-XV (MYO15A) ELISA Kit has high sensitivity and excellent specificity for detection of Human MYO15A. No significant cross-reactivity or interference between Human MYO15A and analogues was observed.
Sequence Length	3530
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	0.75 ng/ml - 12 ng/ml
Sensitivity	< 0.05ng/ml
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYO15A elisa kit	Background: This gene encodes an unconventional myosin. This protein differs from other myosins in that it has a long N-terminal extension preceding the conserved motor domain. Studies in mice suggest that this protein is necessary for actin organization in the hair cells of the cochlea. Mutations in this gene have been associated with profound, congenital, neurosensory. Principle of the Assay: Human Myosin-XV (MYO15A) ELISA Kit employs a two-site sandwich ELISA to quantitate MYO15A in samples. An antibody specific for MYO15A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MYO15A present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human MYO15A detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of MYO15A bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	118402590
NCBI GeneID	51168
NCBI Accession #	NP_057323.3
NCBI GenBank Nucleotide #	NP_057323.3
UniProt Accession #	Q9UKN7
NCBI Official Full Name	unconventional myosin-XV
NCBI Official Synonym Full Names	myosin XVA
NCBI Official Symbol	MYO15A
NCBI Official Synonym Symbols	DFNB3; MYO15
NCBI Protein Information	unconventional myosin-XV
UniProt Protein Name	Unconventional myosin-XV
UniProt Gene Name	**MYO15A**
UniProt Synonym Gene Names	MYO15
UniProt Entry Name	MYO15_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-xv-myo15a/331594