

Human Kinesin-1 heavy chain (KIF5B) ELISA Kit | KIF5B elisa kit

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CATALOG #
AAA44287

REACTIVITY
Human

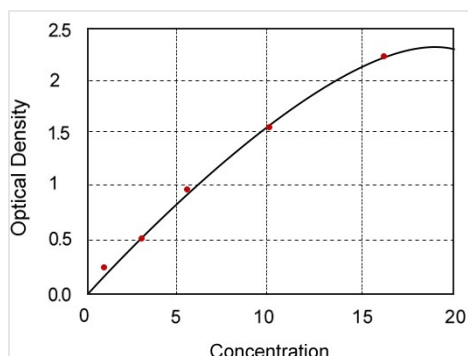
PRODUCT SYNONYMS

Kinesin-1 heavy chain (KIF5B); Human Kinesin-1 heavy chain (KIF5B) ELISA Kit; KIF5B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	963
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/ml - 2000ng/ml
Sensitivity	2.55ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KIF5B elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Kinesin-1 Heavy Chain (also known as KIF5B) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human KIF5B antibody. KIF5B present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human KIF5B Antibody is added and binds to KIF5B in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated KIF5B antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human KIF5B. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758648
NCBI GeneID	3799
NCBI Accession #	NP_004512.1
NCBI GenBank Nucleotide #	NM_004521.2
UniProt Accession #	P33176; Q5VZ85; A0AVB2
Molecular Weight	109,685 Da
NCBI Official Full Name	kinesin-1 heavy chain
NCBI Official Synonym Full Names	kinesin family member 5B
NCBI Official Symbol	KIF5B
NCBI Official Synonym Symbols	KNS; KINH; KNS1; UKHC; HEL-S-61
NCBI Protein Information	kinesin-1 heavy chain
UniProt Protein Name	Kinesin-1 heavy chain
UniProt Gene Name	KIF5B
UniProt Synonym Gene Names	KNS; KNS1; UKHC

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/kinesin-1-heavy-chain-kif5b/44287>