

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

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CATALOG #
AAA250522

REACTIVITY
Human

PRODUCT SYNONYMS

KIF5B (Kinesin-1 heavy chain); Human KIF5B (Kinesin-1 heavy chain) ELISA Kit; Kinesin-1 heavy chain; Conventional kinesin heavy chain; Ubiquitous kinesin heavy chain (UKHC); KIF5B; KIF5B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of KIF5B. No significant cross-reactivity or interference between KIF5B and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for KIF5B elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119606383
NCBI GeneID	3799
UniProt Accession #	P33176 ; Q5VZ85 ; A0AVB2
Molecular Weight	109,685 Da
NCBI Official Full Name	kinesin family member 5B, isoform CRA_a
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; kinesin heavy chain; kinesin 1 (110-120kD); ubiquitous kinesin heavy chain; conventional kinesin heavy chain; epididymis secretory protein Li 61
UniProt Protein Name	Kinesin-1 heavy chain
UniProt Gene Name	KIF5B
UniProt Synonym Gene Names	KNS; KNS1; UKHC
UniProt Entry Name	KINH_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://www.aaabiotech.com/human-elisa-kits/kif5b-kinesin-1-heavy-chain/250522>