

Human Kinesin heavy chain isoform 5A ELISA Kit | KIF5A elisa kit

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CATALOG #
AAA98559

REACTIVITY
Human

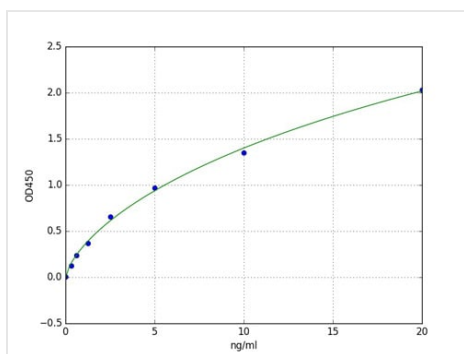
PRODUCT SYNONYMS

Kinesin heavy chain isoform 5A; Human Kinesin heavy chain isoform 5A ELISA Kit; KIF5A/NKHC/MY050/SPG10/Kinesin heavy chain neuron-specific 1/Neuronal kinesin heavy chain; KIF5A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1032
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
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

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human KIF5A ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.076	0.145	0.223	0.366	0.661	1.144	1.947	2.593

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KIF5A elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human KIF5A antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human KIF5A antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin 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 Human KIF5A amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human KIF5A can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	45446749
NCBI GeneID	3798
NCBI Accession #	NP_004975.2
NCBI GenBank Nucleotide #	NM_004984.2
Molecular Weight	117,378 Da
NCBI Official Full Name	kinesin heavy chain isoform 5A
NCBI Official Synonym Full Names	kinesin family member 5A
NCBI Official Symbol	KIF5A
NCBI Official Synonym Symbols	NKHC; MY050; SPG10; D12S1889
NCBI Protein Information	kinesin heavy chain isoform 5A
UniProt Protein Name	Kinesin heavy chain isoform 5A
UniProt Gene Name	KIF5A
UniProt Synonym Gene Names	NKHC1; NKHC
UniProt Entry Name	KIF5A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/kif5a-human-elisa-kits/kinesin-heavy-chain-isoform-5a/98559>