

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

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CATALOG #
AAA57521

REACTIVITY
Human

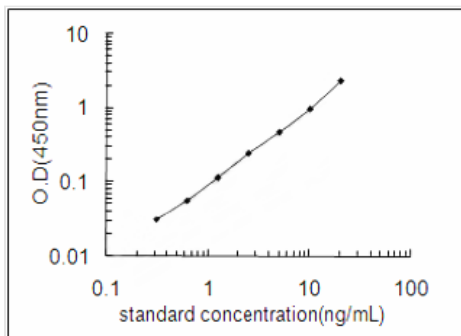
PRODUCT SYNONYMS

Kinesin heavy chain isoform 5A; Human Kinesin heavy chain isoform 5A ELISA Kit; Kinesin heavy chain neuron-specific 1; Neuronal kinesin heavy chain; NKHC; KIF5A; NKHC1; KIF5A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Kinesin heavy chain isoform 5A. No significant cross-reactivity or interference was observed.
Sequence Length	1032
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.12ng/mL
Intra-Assay CV	<=5.6%
Inter-Assay CV	<=7.9%
Recovery	101%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KIF5A elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Kinesin heavy chain isoformn 5A concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Kinesin heavy chain isoform 5A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Kinesin heavy chain isoform 5A and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Kinesin heavy chain isoform 5A, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Kinesin heavy chain isoform 5A in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45446749
NCBI GeneID	3798
NCBI Accession #	NP_004975.2
NCBI GenBank Nucleotide #	NM_004984.2
UniProt Accession #	Q12840; Q4LE26; A6H8M5
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.