

Human Kinesin Family, Member 1A (KIF1A) RTU ELISA Kit | KIF1A rtu elisa kit

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CATALOG #
AAA216626

REACTIVITY
Human

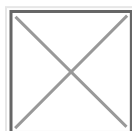
PRODUCT SYNONYMS

Kinesin Family; Member 1A (KIF1A); Human Kinesin Family; Member 1A (KIF1A) ELISA Kit; ATSV; UNC104; C2orf20; Axonal Transport Of Synaptic Vesicles; Microtubule-based motor KIF1A; Unc-104- and KIF1A-related protein; KIF1A rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1791
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.051ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KIF1A rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to KIF1A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to KIF1A. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain KIF1A, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of KIF1A in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	345842524
NCBI GeneID	547

NCBI Accession #	NP_001230937.1
NCBI GenBank Nucleotide #	NM_001244008.1
UniProt Accession #	Q12756 ; O95068 ; Q13355 ; Q14752 ; Q2NKJ6 ; Q4LE42 ; Q53T78 ; Q59GH1 ; Q63Z40 ; Q6P1R9 ; B0I1S5 ; F5H045
Molecular Weight	202,059 Da
NCBI Official Full Name	kinesin-like protein KIF1A isoform 1
NCBI Official Synonym Full Names	kinesin family member 1A
NCBI Official Symbol	KIF1A
NCBI Official Synonym Symbols	ATSV; MRD9; HSN2C; SPG30; UNC104; C2orf20
NCBI Protein Information	kinesin-like protein KIF1A
UniProt Protein Name	Kinesin-like protein KIF1A
UniProt Gene Name	KIF1A
UniProt Synonym Gene Names	ATSV; C2orf20; hUnc-104

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-rtu-elisa-kits/kinesin-family-member-1a-kif1a/216626>