

Human Kinesin Family, Member 20A (KIF20A) ELISA Kit | KIF20A elisa kit

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 CATALOG #
AAA66142

 REACTIVITY
Human

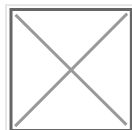
PRODUCT SYNONYMS

Kinesin Family; Member 20A (KIF20A); Human Kinesin Family; Member 20A (KIF20A) ELISA Kit; MKLP2; RAB6KIFL; GG10_2; RAB6 Interacting; Kinesin-Like; Rab Kinesin 6; Mitotic kinesin-like protein 2; Rabkinesin-6; KIF20A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of KIF20A. No significant cross-reactivity or interference between KIF20A and analogues was observed.
Sequence Length	890
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.049ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level KIF20A were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level KIF20A were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KIF20A elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of KIF20A in human tissue homogenates and other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to KIF20A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to KIF20A. 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 KIF20A, 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 +/- 10nm. The concentration of KIF20A in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5032013
NCBI GeneID	10112
NCBI Accession #	NP_005724.1
NCBI GenBank Nucleotide #	NM_005733.2
UniProt Accession #	O95235; B4DL79; D3DQB6
Molecular Weight	98,100 Da
NCBI Official Full Name	kinesin-like protein KIF20A
NCBI Official Synonym Full Names	kinesin family member 20A
NCBI Official Symbol	KIF20A
NCBI Official Synonym Symbols	MKLP2; RAB6KIFL
NCBI Protein Information	kinesin-like protein KIF20A
UniProt Protein Name	Kinesin-like protein KIF20A
UniProt Gene Name	KIF20A
UniProt Synonym Gene Names	MKLP2; RAB6KIFL; MKlp2

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-family-member-20a-kif20a/66142>