

Human Kv channel-interacting protein 4 (KCNIP4) ELISA Kit | KCNIP4 elisa kit

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 CATALOG #
AAA44042

 REACTIVITY
Human

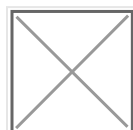
PRODUCT SYNONYMS

Kv channel-interacting protein 4 (KCNIP4); Human Kv channel-interacting protein 4 (KCNIP4) ELISA Kit; KCNIP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	229
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 30ng/ml
Sensitivity	0.024ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KCNIP4 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Kv Channel-interacting Protein 4 (also known as KCNIP4) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human KCNIP4 antibody. KCNIP4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human KCNIP4 Antibody is added and binds to KCNIP4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated KCNIP4 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human KCNIP4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	22212902
NCBI GeneID	80333

NCBI Accession #	NP_671712.1
NCBI GenBank Nucleotide #	NM_147183.3
UniProt Accession #	Q6PIL6 ; Q3YAB8 ; Q3YAB9 ; Q3YAC0 ; Q3YAC1 ; Q3YAC2 ; Q4W5G8 ; Q8NEU0 ; Q9BWT2 ; Q9H294 ; Q9H2A4
Molecular Weight	25,008 Da
NCBI Official Full Name	Kv channel-interacting protein 4 isoform 4
NCBI Official Synonym Full Names	potassium voltage-gated channel interacting protein 4
NCBI Official Symbol	KCNIP4
NCBI Official Synonym Symbols	CALP; KCHIP4
NCBI Protein Information	Kv channel-interacting protein 4
UniProt Protein Name	Kv channel-interacting protein 4
UniProt Gene Name	KCNIP4
UniProt Synonym Gene Names	CALP; KCHIP4; KChIP4

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/kv-channel-interacting-protein-4-kcnp4/44042>