Human KCNA5 (Potassium voltage-gated channel subfamily A member 5) ELISA Kit | KCNA5 elisa kit

Human KCNA5 (Potassium voltage-gated channel subfamily A member 5) ELISA Kit

CATALOG #	REACTIVITY
AAA248299	**Human**

PRODUCT SYNONYMS

KCNA5 (Potassium voltage-gated channel subfamily A member 5); Human KCNA5 (Potassium voltage-gated channel subfamily A member 5) ELISA Kit; KCNA5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	613
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)

ADDITIONAL INFORMATION

Related Product Information for KCNA5 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-KCNA5 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-KCNA5 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. HRP-Streptavidin 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 KCNA5 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of KCNA5 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	25952087
NCBI GeneID	3741
NCBI Accession #	NP_002225.2

NCBI GenBank Nucleotide #	NM_002234.3
UniProt Accession #	P22460; Q4KKT8; Q4VAJ1; Q4VAJ2; Q9UDA4
Molecular Weight	44,427 Da
NCBI Official Full Name	potassium voltage-gated channel subfamily A member 5
NCBI Official Synonym Full Names	potassium voltage-gated channel subfamily A member 5
NCBI Official Symbol	KCNA5
NCBI Official Synonym Symbols	HK2; HCK1; PCN1; ATFB7; HPCN1; KV1.5
NCBI Protein Information	potassium voltage-gated channel subfamily A member 5
UniProt Protein Name	Potassium voltage-gated channel subfamily A member 5
UniProt Gene Name	**KCNA5**

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/human-elisa-kits/kcna5-potassium-voltage-gated-channel-subfamily-a-member-5/248299