Rat Potassium Intermediate Small Conductance Calcium Activated Channel Subfamily N, Member 2 (KCNN2) ELISA Kit | KCNN2 elisa kit

Rat Potassium Intermediate Small Conductance Calcium Activated Channel Subfamily N, Member 2 (KCNN2) ELISA Kit

CATALOG #	REACTIVITY
AAA11112	**Rat**

PRODUCT SYNONYMS

Potassium Intermediate Small Conductance Calcium Activated Channel Subfamily N; Member 2 (KCNN2); Rat Potassium Intermediate Small Conductance Calcium Activated Channel Subfamily N; Member 2 (KCNN2) ELISA Kit; KCNN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	379
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.016ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 KCNN2 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Potassium Intermediate Small Conductance Calcium Activated Channel Subfamily N, Member 2 (also known as KCNN2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat KCNN2 antibody. KCNN2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat KCNN2 Antibody is added and binds to KCNN2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated KCNN2 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 Rat KCNN2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	289645547
Molecular Weight	42,759 Da
NCBI Official Full Name	potassium intermediate/small conductance calcium-activated channel subfamily N member 4 transcript 3, partial
UniProt Protein Name	Potassium intermediate/small conductance calcium-activated channel subfamily N member 4 transcript 1
UniProt Gene Name	**KCNN4**

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/rat-elisa-kits/potassium-intermediate-small-conductance-calcium-activated-channel-subfamily-n-member-2-kcnn2/11112