

Mouse Potassium channel subfamily K member 2, KCNK2 ELISA Kit | KCNK2 elisa kit

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CATALOG #
AAA121396

REACTIVITY
Mouse

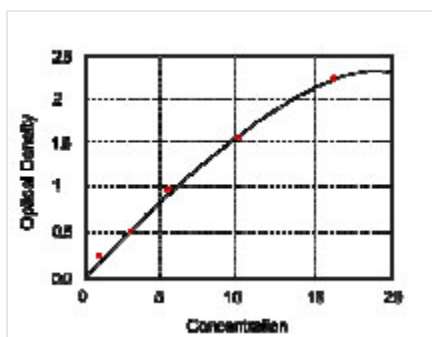
PRODUCT SYNONYMS

Potassium channel subfamily K member 2; KCNK2; Mouse Potassium channel subfamily K member 2; KCNK2 ELISA Kit; KCNK2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	426
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	20-6000ng/L
Sensitivity	9.75ng/L
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 KCNK2 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Potassium channel subfamily K member 2 (also known as KCNK2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse KCNK2 antibody. KCNK2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse KCNK2 Antibody is added and binds to KCNK2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated KCNK2 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 Mouse KCNK2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	25282471
NCBI GeneID	170899
NCBI Accession #	NP_742039.1
NCBI GenBank Nucleotide #	NM_172042.1
UniProt Accession #	Q920B6; Q3MMY3; Q5DNW4; Q5DNW5; A3QR52
Molecular Weight	45,396 Da
NCBI Official Full Name	potassium channel subfamily K member 2 isoform 2
NCBI Official Synonym Full Names	potassium two pore domain channel subfamily K member 2
NCBI Official Symbol	Kcnk2
NCBI Official Synonym Symbols	Trek-1; rTREK1d
NCBI Protein Information	potassium channel subfamily K member 2
UniProt Protein Name	Potassium channel subfamily K member 2
UniProt Gene Name	Kcnk2

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.