

Mouse ATP-sensitive inward rectifier potassium channel 10, KCNJ10/Kir4.1 ELISA Kit | KCNJ10/Kir4.1 elisa kit

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CATALOG # AAA121398	REACTIVITY Mouse
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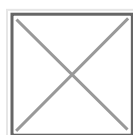
PRODUCT SYNONYMS

ATP-sensitive inward rectifier potassium channel 10; KCNJ10/Kir4.1; Mouse ATP-sensitive inward rectifier potassium channel 10; KCNJ10/Kir4.1 ELISA Kit; KCNJ10/Kir4.1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	379
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.1-20ng/mL
Sensitivity	0.046ng/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 KCNJ10/Kir4.1 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse ATP-sensitive inward rectifier potassium channel 10 (also known as KCNJ10,Kir4.1) 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 KCNJ10,Kir4.1 antibody. KCNJ10,Kir4.1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse KCNJ10,Kir4.1 Antibody is added and binds to KCNJ10,Kir4.1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated KCNJ10,Kir4.1 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 KCNJ10,Kir4.1. 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 #	25121966
NCBI GeneID	3766
NCBI Accession #	NP_002232.2
NCBI GenBank Nucleotide #	NM_002241.4
UniProt Accession #	P78508; Q5VUT9; Q8N4I7; Q92808; A3KME7
Molecular Weight	42,508 Da
NCBI Official Full Name	ATP-sensitive inward rectifier potassium channel 10
NCBI Official Synonym Full Names	potassium voltage-gated channel subfamily J member 10
NCBI Official Symbol	KCNJ10
NCBI Official Synonym Symbols	KIR1.2; KIR4.1; SESAME; BIRK-10; KCNJ13-PEN
NCBI Protein Information	ATP-sensitive inward rectifier potassium channel 10
UniProt Protein Name	ATP-sensitive inward rectifier potassium channel 10
UniProt Gene Name	KCNJ10

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/mouse-elisa-kits/atp-sensitive-inward-rectifier-potassium-channel-10-kcnj10-kir4-1/121398>