

Mouse Inward rectifier potassium channel 2, KCNJ2 ELISA Kit | KCNJ2 elisa kit

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CATALOG #
AAA121399

REACTIVITY
Mouse

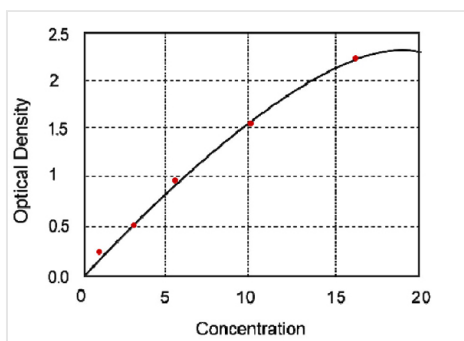
PRODUCT SYNONYMS

Inward rectifier potassium channel 2; KCNJ2; Mouse Inward rectifier potassium channel 2; KCNJ2 ELISA Kit; KCNJ2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	427
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.19-12ng/ml
Sensitivity	0.08ng/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 KCNJ2 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse KCNJ2 antibody. KCNJ2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse KCNJ2 Antibody is added and binds to KCNJ2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated KCNJ2 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 KCNJ2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Inward rectifier potassium channel 2 (also known as KCNJ2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504835
NCBI GeneID	3759
NCBI Accession #	NP_000882.1
NCBI GenBank Nucleotide #	NM_000891.2
UniProt Accession #	P63252; O15110; P48049
Molecular Weight	48,288 Da
NCBI Official Full Name	inward rectifier potassium channel 2
NCBI Official Synonym Full Names	potassium voltage-gated channel subfamily J member 2
NCBI Official Symbol	KCNJ2
NCBI Official Synonym Symbols	IRK1; LQT7; SQT3; ATFB9; HHIRK1; KIR2.1; HHBIRK1
NCBI Protein Information	inward rectifier potassium channel 2
UniProt Protein Name	Inward rectifier potassium channel 2
UniProt Gene Name	KCNJ2
UniProt Synonym Gene Names	IRK1; IRK-1; hIRK1

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/inward-rectifier-potassium-channel-2-kcj2/121399>