

Human G protein-activated inward rectifier potassium channel 1, KCNJ3/GIRK1 ELISA Kit | KCNJ3/GIRK1 elisa kit

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CATALOG # AAA42520	REACTIVITY Human
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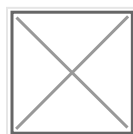
PRODUCT SYNONYMS

G protein-activated inward rectifier potassium channel 1; KCNJ3/GIRK1; Human G protein-activated inward rectifier potassium channel 1; KCNJ3/GIRK1 ELISA Kit; KCNJ3/GIRK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	501
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.026ng/ml
Intra-Assay	CV<8%
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 KCNJ3/GIRK1 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human G Protein-activated Inward Rectifier Potassium Channel 1 (also known as KCNJ3/GIRK1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human KCNJ3/GIRK1 antibody. KCNJ3/GIRK1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human KCNJ3/GIRK1 Antibody is added and binds to KCNJ3/GIRK1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated KCNJ3/GIRK1 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 human KCNJ3/GIRK1. 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 #	4504839
NCBI GeneID	3760
NCBI Accession #	NP_002230.1
NCBI GenBank Nucleotide #	NM_002239.3
UniProt Accession #	P48549; Q8TBI0; B4DEW7
Molecular Weight	26,829 Da
NCBI Official Full Name	G protein-activated inward rectifier potassium channel 1 isoform 1
NCBI Official Synonym Full Names	potassium voltage-gated channel subfamily J member 3
NCBI Official Symbol	KCNJ3
NCBI Official Synonym Symbols	KGA; GIRK1; KIR3.1
NCBI Protein Information	G protein-activated inward rectifier potassium channel 1
UniProt Protein Name	G protein-activated inward rectifier potassium channel 1
UniProt Gene Name	KCNJ3
UniProt Synonym Gene Names	GIRK1; GIRK-1

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/g-protein-activated-inward-rectifier-potassium-channel-1-kcnj3-girk1/42520>