

Goat Voltage-gated potassium channel ELISA Kit | VGKC elisa kit

Goat voltage-gated potassium channel (VGKC) ELISA Kit

CATALOG #
AAA181165

REACTIVITY
Goat

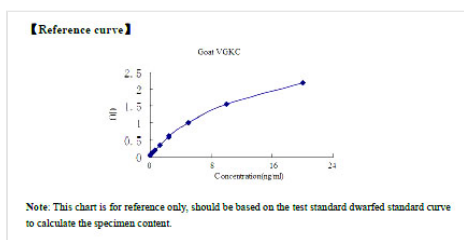
PRODUCT SYNONYMS

Voltage-gated potassium channel; Goat voltage-gated potassium channel (VGKC) ELISA Kit; VGKC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Specificity	No cross-reaction with other factors.
Sequence Length	581
Samples	Goat serum, plasma or cell culture supernatant and organizations
Assay Type	Quantitative Sandwich
Detection Range	20 ng/ml-0.312 ng/ml
Sensitivity	0.06 ng/ml
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VGKC elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Goat VGKC monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2465515
NCBI GeneID	3784

Molecular Weight	61,474 Da
NCBI Official Full Name	voltage gated potassium channel
NCBI Official Synonym Full Names	potassium voltage-gated channel subfamily Q member 1
NCBI Official Symbol	KCNQ1
NCBI Official Synonym Symbols	LQT; RWS; WRS; LQT1; SQT2; ATFB1; ATFB3; JLNS1; KCNA8; KCNA9; Kv1.9; Kv7.1; KVLQT1
NCBI Protein Information	potassium voltage-gated channel subfamily KQT member 1
UniProt Protein Name	Potassium voltage-gated channel subfamily KQT member 1
UniProt Gene Name	KCNQ1
UniProt Entry Name	KCNQ1_HUMAN

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/vgkc-goat-elisa-kits/voltage-gated-potassium-channel/181165>