

Canine Potassium Voltage-gated Channel Subfamily E Regulatory Subunit 5 ELISA Kit | KCNE5 elisa kit

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CATALOG #
AAA122877

REACTIVITY
Canine

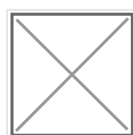
PRODUCT SYNONYMS

Potassium Voltage-gated Channel Subfamily E Regulatory Subunit 5; Canine Potassium Voltage-gated Channel Subfamily E Regulatory Subunit 5 ELISA Kit; KCNE5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	142
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	15ng/L-3000ng/L
Sensitivity	8.07ng/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 KCNE5 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Allograft Inflammatory Factor 1 Like (also known as AIF1L) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine AIF1L antibody. AIF1L present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine AIF1L Antibody is added and binds to AIF1L in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated AIF1L 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 Canine AIF1L. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912442
NCBI GeneID	23630
NCBI Accession #	NP_036414.1
NCBI GenBank Nucleotide #	NM_012282.3
UniProt Accession #	Q9UJ90
NCBI Official Full Name	potassium voltage-gated channel subfamily E regulatory beta subunit 5
NCBI Official Synonym Full Names	potassium voltage-gated channel subfamily E regulatory subunit 5
NCBI Official Symbol	KCNE5
NCBI Official Synonym Symbols	KCNE1L
NCBI Protein Information	potassium voltage-gated channel subfamily E regulatory beta subunit 5
UniProt Protein Name	Potassium voltage-gated channel subfamily E regulatory beta subunit 5
UniProt Gene Name	KCNE5

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/canine-elisa-kits/potassium-voltage-gated-channel-subfamily-e-regulatory-subunit-5/122877>