

Bovine Potassium voltage-gated channel subfamily B member 2 ELISA Kit | KCNB2 elisa kit

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CATALOG # AAA56304	REACTIVITY Bovine
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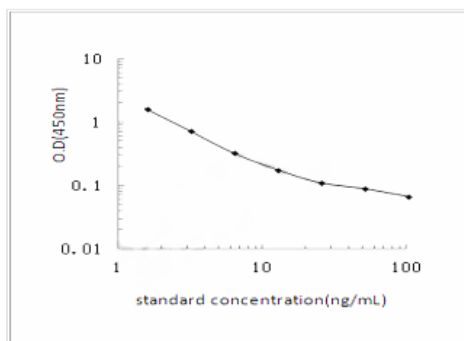
PRODUCT SYNONYMS

Potassium voltage-gated channel subfamily B member 2; Bovine Potassium voltage-gated channel subfamily B member 2 ELISA Kit; KCNB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural Bovine Potassium voltage-gated channel subfamily B member 2. No significant cross-reactivity or interference was observed.
Sequence Length	911
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
Assay Type	Competitive
Detection Range	1.56-100 ng/ml.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KCNB2 elisa kit

Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Potassium voltage-gated channel subfamily B member 2. During the reaction, Potassium voltage-gated channel subfamily B member 2 in the sample or standard competes with a fixed amount of biotin-labeled Potassium voltage-gated channel subfamily B member 2 for sites on a pre-coated Monoclonal antibody specific to Potassium voltage-gated channel subfamily B member 2. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Potassium voltage-gated channel subfamily B member 2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	66792908
NCBI GeneID	535990
NCBI Accession #	NP_001019734.1
NCBI GenBank Nucleotide #	NM_001024563.1
UniProt Accession #	Q4ZHA6
Molecular Weight	102,276 Da
NCBI Official Full Name	potassium voltage-gated channel subfamily B member 2
NCBI Official Symbol	KCNB2
NCBI Protein Information	potassium voltage-gated channel subfamily B member 2
UniProt Protein Name	Potassium voltage-gated channel subfamily B member 2
UniProt Gene Name	KCNB2
UniProt Entry Name	KCNB2_BOVIN

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/kcnb2-bovine-ovine-elisa-kits/potassium-voltage-gated-channel-subfamily-b-member-2/56304>