

Mouse Amiloride-sensitive sodium channel subunit beta (SCNN1B) ELISA Kit | SCNN1B elisa kit

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CATALOG #
AAA245864

REACTIVITY
Mouse

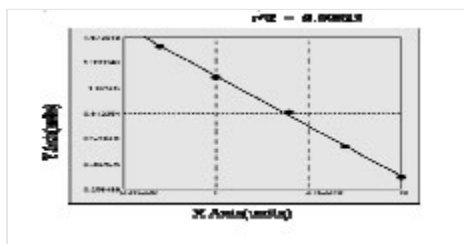
PRODUCT SYNONYMS

Amiloride-sensitive sodium channel subunit beta (SCNN1B); Mouse Amiloride-sensitive sodium channel subunit beta (SCNN1B) ELISA Kit; SCNN1B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SCNN1B elisa kit

Intended Uses: This SCNN1beta ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse SCNN1beta. This ELISA kit for research use only!

Principle of the Assay||SCNN1beta ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SCNN1beta antibody and an SCNN1beta-HRP conjugate. The assay sample and buffer are incubated together with SCNN1beta-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SCNN1beta concentration since SCNN1beta from samples and SCNN1beta-HRP conjugate compete for the anti-SCNN1beta antibody binding site. Since the number of sites is limited, as more sites are occupied by SCNN1beta from the sample, fewer sites are left to bind SCNN1beta-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SCNN1beta concentration in each sample is interpolated from this standard curve.

Product Categories/Family for SCNN1B elisa kit

[Neurobiology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	124301196
NCBI GeneID	6338
NCBI Accession #	NP_000327.2
NCBI GenBank Nucleotide #	NM_000336.2
Molecular Weight	77,703 Da
NCBI Official Full Name	amiloride-sensitive sodium channel subunit beta
NCBI Official Synonym Full Names	sodium channel, non-voltage-gated 1, beta subunit
NCBI Official Symbol	SCNN1B
NCBI Official Synonym Symbols	BESC1; ENaCb; SCNEB; ENaCbeta
NCBI Protein Information	amiloride-sensitive sodium channel subunit beta; beta-ENaC; beta-NaCH; epithelial Na(+) channel subunit beta; epithelial sodium channel beta-2 subunit; epithelial sodium channel beta-3 subunit; sodium channel, nonvoltage-gated 1, beta; nasal epithelial sodium channel beta subunit; nonvoltage-gated sodium channel 1 subunit beta; amiloride-sensitive sodium channel subunit beta 1
UniProt Protein Name	Amiloride-sensitive sodium channel subunit beta
UniProt Gene Name	SCNN1B
UniProt Synonym Gene Names	Beta-ENaC; ENaCB
UniProt Entry Name	SCNNB_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/mouse-elisa-kits/amiloride-sensitive-sodium-channel-subunit-beta-scnn1b/245864>