

Porcine Beta-synuclein (SNCB) ELISA Kit | SNCB elisa kit

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CATALOG #
AAA246491

REACTIVITY
Porcine

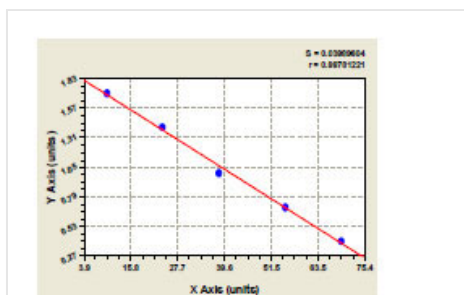
PRODUCT SYNONYMS

Beta-synuclein (SNCB); Porcine Beta-synuclein (SNCB) ELISA Kit; SNCB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive (Quantitative)
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SNCB elisa kit

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

Principle of the Assay: SNCB ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-SNCB antibody and an SNCB-HRP conjugate. The assay sample and buffer are incubated together with SNCB-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 SNCB concentration since SNCB from samples and SNCB-HRP conjugate compete for the anti-SNCB antibody binding site. Since the number of sites is limited, as more sites are occupied by SNCB from the sample, fewer sites are left to bind SNCB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SNCB concentration in each sample is interpolated from this standard curve.

Product Categories/Family for SNCB elisa kit

Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507111
NCBI GeneID	6620
NCBI Accession #	NP_003076.1
NCBI GenBank Nucleotide #	NM_003085.3
Molecular Weight	14,288 Da
NCBI Official Full Name	beta-synuclein
NCBI Official Synonym Full Names	synuclein, beta
NCBI Official Symbol	SNCB
NCBI Protein Information	beta-synuclein
UniProt Protein Name	Beta-synuclein
UniProt Gene Name	SNCB
UniProt Entry Name	SYUB_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/porcine-elisa-kits/beta-synuclein-sncb/246491>