

Human beta synuclein (SNCB) ELISA Kit | SNCB elisa kit

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CATALOG #
AAA244619

REACTIVITY
Human

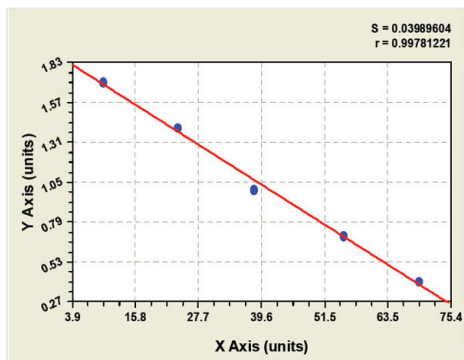
PRODUCT SYNONYMS

beta synuclein (SNCB); Human beta synuclein (SNCB) ELISA Kit; Human b synuclein (SNCB) ELISA Kit; SNCB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This SNCB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human SNCB. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SNCB elisa kit

Principle of the assay: SNCB ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	48146171
UniProt Accession #	Q16143; Q6IAX7
Molecular Weight	14,288 Da
NCBI Official Full Name	SNCB
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/human-elisa-kits/beta-synuclein-sncb/244619>