

Goat alpha Synuclein ELISA Kit | alpha-SYN elisa kit

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CATALOG #
AAA91106

REACTIVITY
Goat

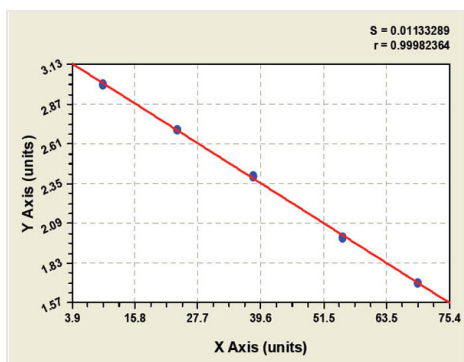
PRODUCT SYNONYMS

alpha Synuclein; Goat alpha Synuclein ELISA Kit; Goat a Synuclein ELISA Kit; alpha-SYN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This alpha-SYN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat alpha-SYN. 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 alpha-SYN elisa kit

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

Product Categories/Family for alpha-SYN elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	109638747
NCBI GeneID	20617
NCBI Accession #	NP_001035916.1
NCBI GenBank Nucleotide #	NM_001042451.1
UniProt Accession #	O55042; Q3U130; Q9CXF8; Q9EQC3; Q9QUR3
Molecular Weight	14,485 Da
NCBI Official Full Name	alpha-synuclein
NCBI Official Synonym Full Names	synuclein, alpha
NCBI Official Symbol	Snca
NCBI Official Synonym Symbols	NACP; alphaSYN
NCBI Protein Information	alpha-synuclein; alpha SYN; non-A4 component of amyloid; non-A beta component of AD amyloid
UniProt Protein Name	Alpha-synuclein
UniProt Gene Name	Snca
UniProt Synonym Gene Names	Syn; NACP
UniProt Entry Name	SYUA_MOUSE

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/alpha-syn-goat-elisa-kits/alpha-synuclein/91106>