

Rabbit alpha Synuclein oligomer ELISA Kit | alpha-SYNo elisa kit

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CATALOG #
AAA83107

REACTIVITY
Rabbit

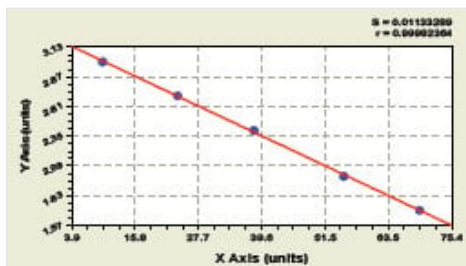
PRODUCT SYNONYMS

alpha Synuclein oligomer; Rabbit alpha Synuclein oligomer ELISA Kit; Rabbit a Synuclein oligomer ELISA Kit; alpha-SYNo elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	25-500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This SNCOalpha ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit SNCOalpha. 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-SYNo elisa kit

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

Product Categories/Family for alpha-SYNo elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	586067
NCBI GeneID	6622
Molecular Weight	13,109 Da
NCBI Official Full Name	Alpha-synuclein
NCBI Official Synonym Full Names	synuclein, alpha (non A4 component of amyloid precursor)
NCBI Official Symbol	SNCA
NCBI Official Synonym Symbols	PD1; NACP; PARK1; PARK4
NCBI Protein Information	alpha-synuclein; synuclein alpha-140; non A-beta component of AD amyloid
UniProt Protein Name	Alpha-synuclein
UniProt Gene Name	SNCA
UniProt Synonym Gene Names	NACP; PARK1; NACP
UniProt Entry Name	SYUA_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://www.aaabiotech.com/alpha-syno-rabbit-elisa-kits/alpha-synuclein-oligomer/83107>