

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

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CATALOG #
AAA91334

REACTIVITY
Sheep

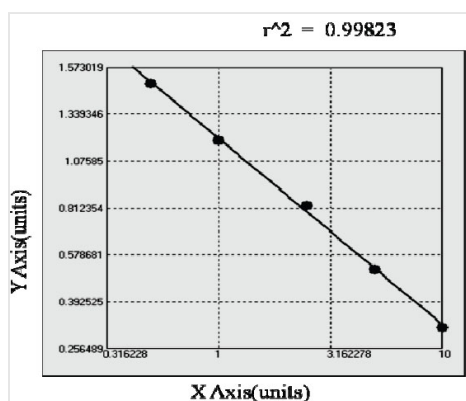
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL
Intended Uses	This a-SYNo ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep a-SYNo. 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: a-SYNo ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-a-SYNo antibody and an a-SYNo-HRP conjugate. The assay sample and buffer are incubated together with a-SYNo-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 a-SYNo concentration since a-SYNo from samples and a-SYNo-HRP conjugate compete for the anti-a-SYNo antibody binding site. Since the number of sites is limited, as more sites are occupied by a-SYNo from the sample, fewer sites are left to bind a-SYNo-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The a-SYNo concentration in each sample is interpolated from this standard curve.

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-sheep-elisa-kits/alpha-synuclein-oligomer/91334>