

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

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CATALOG #
AAA16651

REACTIVITY
Rat

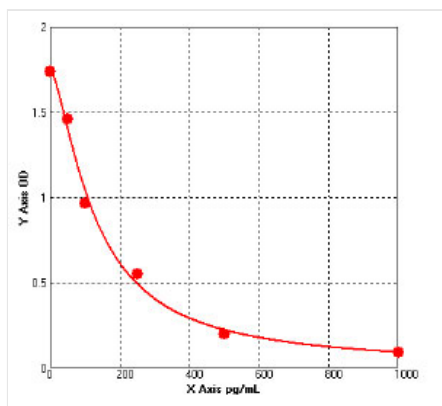
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of SNCOalpha. No significant cross-reactivity or interference between SNCOalpha and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SNCOalpha and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
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	Intended Uses: This SNCOalpha ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat SNCOalpha. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: SNCOalpha ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal 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-rat-elisa-kits/alpha-synuclein-oligomer/16651>