

Human synuclein, alpha (non A4 component of amyloid precursor) ELISA Kit | SNCA elisa kit

Human synuclein, alpha (non A4 component of amyloid precursor) oligomer, SNCA oligomer ELISA Kit

CATALOG #
AAA112665

REACTIVITY
Human

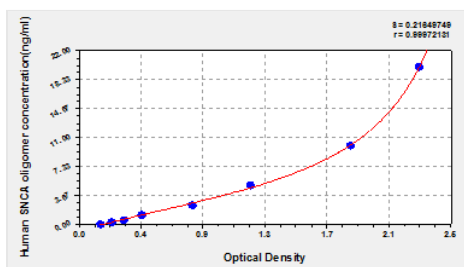
PRODUCT SYNONYMS

synuclein; alpha (non A4 component of amyloid precursor); Human synuclein; alpha (non A4 component of amyloid precursor) oligomer; SNCA oligomer ELISA Kit; alpha (non A4 component of amyloid precursor) oligomer (SNCA oligomer) ELISA kit; MGC110988; NACP; PARK1; PARK4; PD1; OTTHUMP00000161559; OTTHUMP00000161561; alpha-synuclein; isoform NACP140; non A-beta component of AD amyloid; SNCA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human SNCA. No significant cross-reactivity or interference between Human SNCA and analogues was observed.
Sequence Length	140
Samples	Serum, plasma
Assay Type	Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SNCA elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SNCA oligomer has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SNCA oligomer present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SNCA oligomer is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SNCA oligomer bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507109
NCBI GeneID	6622
NCBI Accession #	NP_000336.1
NCBI GenBank Nucleotide #	NM_000345.3
UniProt Accession #	P37840; Q13701; Q4JHI3; Q6IAU6; A8K2A4
Molecular Weight	14,460 Da
NCBI Official Full Name	alpha-synuclein isoform NACP140
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://stage.aaabiotech.com/snca-human-elisa-kits/synuclein-alpha-non-a4-component-of-amyloid-precursor/112665>