

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

Rat Alpha-synuclein, SNCA ELISA Kit

CATALOG #
AAA80937

REACTIVITY
Rat

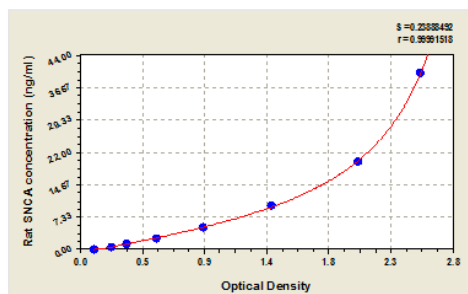
PRODUCT SYNONYMS

synuclein; alpha (non A4 component of amyloid precursor); Rat Alpha-synuclein; SNCA ELISA Kit; Rat Alpha-synuclein (SNCA) 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	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat SNCA. No significant cross-reactivity or interference between Rat SNCA and analogues was observed.
Sequence Length	140
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.625 ng/ml-40 ng/ml
Sensitivity	0.156 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 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SNCA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SNCA 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 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 #	9507125
NCBI GeneID	29219
NCBI Accession #	NP_062042.1
NCBI GenBank Nucleotide #	NM_019169.2
UniProt Accession #	P37377; P37378; Q53YM9
Molecular Weight	14,515 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 Protein Information	alpha-synuclein
UniProt Protein Name	Alpha-synuclein
UniProt Gene Name	Snca
UniProt Entry Name	SYUA_RAT

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-rat-elisa-kits/synuclein-alpha-non-a4-component-of-amyloid-precursor/80937>