

Rat Synuclein Alpha (SNCa) ELISA Kit | SNaCa elisa kit

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CATALOG #
AAA139475

REACTIVITY
Rat

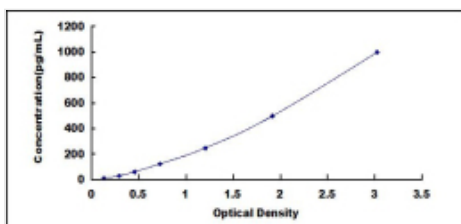
PRODUCT SYNONYMS

Synuclein Alpha (SNCa); Rat Synuclein Alpha (SNCa) ELISA Kit; SNC-A; aSYN; PD1; PARK1; PARK4; NACP; Non-A Beta Component Of Alzheimer's Disease Amyloid Precursor Protein; Non-A4 component of amyloid precursor; SNaCa elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Synuclein Alpha (SNCa). No significant cross-reactivity or interference between Synuclein Alpha (SNCa) and analogues was observed.
Sequence Length	126
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	15.6-1,000pg/mL
Sensitivity	5.6pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Synuclein Alpha (SNCa) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Synuclein Alpha (SNCa) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SNCA elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Synuclein Alpha (SNCa). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Synuclein Alpha (SNCa). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Synuclein Alpha (SNCa), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Synuclein Alpha (SNCa) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for SNCA elisa kit	Signal transduction; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	16356657
NCBI GeneID	6622
UniProt Accession #	P37840; Q13701; Q4JHI3; Q6IAU6; A8K2A4
Molecular Weight	13,109 Da
NCBI Official Full Name	synuclein alpha
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
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/rat-elisa-kits/synuclein-alpha-snca/139475>