

Rat Synuclein Alpha ELISA Kit | SNCA elisa kit

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CATALOG #
AAA99811

REACTIVITY
Rat

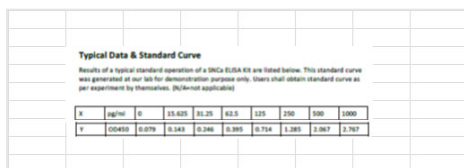
PRODUCT SYNONYMS

Synuclein Alpha; Rat Synuclein Alpha ELISA Kit; SNCA/NACP/PARK1/PARK4/PD1/SNCA/Lewy body) 4/MGC110988/non A-beta component of AD amyloid/Non-A beta component of AD amyloid/non-A4 component of amyloid/Non-A4 component of amyloid precursor/PARK1/PARK4/synuclein; alpha (non A4 component of amyloid precursor); SNCA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of SNCA. No significant cross-reactivity or interference between SNCA and analogues was observed.
Sequence Length	140
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SNCA were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SNCA were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SNCA elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-SNCA antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- SNCA antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the SNCA amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of SNCA can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16356657
NCBI GeneID	6622
Molecular Weight	13,109 Da
NCBI Official Full Name	synuclein alpha
NCBI Official Synonym Full Names	synuclein alpha
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://www.aaabiotech.com/snca-rat-elisa-kits/synuclein-alpha/99811>