

Rat Alpha-synuclein ELISA Kit | Snca elisa kit

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CATALOG #
AAA190653

REACTIVITY
Rat

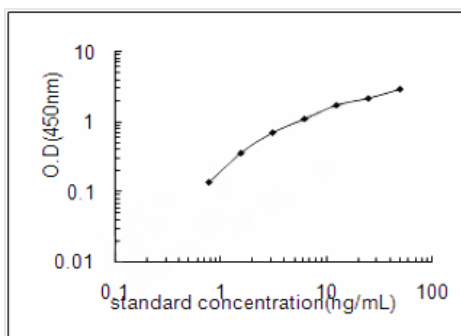
PRODUCT SYNONYMS

Alpha-synuclein; Rat Alpha-synuclein ELISA Kit; Snca; Snca elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Alpha-synuclein. No significant cross-reactivity or interference was observed.
Sequence Length	140
Assay Type	Sandwich
Detection Range	0.78-50 ng/mL
Sensitivity	0.39 ng/mL
Intra-Assay CV	<=4.9%
Inter-Assay CV	<=9.0%
Recovery	102%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Snca elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat Alpha-synuclein concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Alpha-synuclein. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Alpha-synuclein and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Alpha-synuclein, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Alpha-synuclein in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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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	4,354 Da
NCBI Official Full Name	alpha-synuclein
NCBI Official Synonym Full Names	synuclein alpha
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/snca-rat-elisa-kits/alpha-synuclein/190653>