

Human Synuclein Gamma (SNCg) ELISA Kit | SNCg elisa kit

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CATALOG #
AAA139173

REACTIVITY
Human

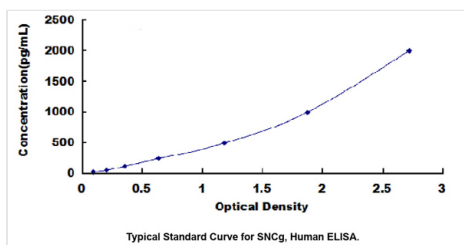
PRODUCT SYNONYMS

Synuclein Gamma (SNCg); Human Synuclein Gamma (SNCg) ELISA Kit; SNC-G; gSYN; SR; BCSG1; PERSYN; PRSN; Breast Cancer Specific Protein 1; Persyn; Synoretin; SNCg elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SNCg. No significant cross-reactivity or interference between SNCg and analogues was observed.
Sequence Length	127
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates, cell lysates and other biological fluids
Detection Range	31.2-2,000pg/mL
Sensitivity	< 13.1pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SNCg were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SNCg were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. 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 SNCg elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to SNCg. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to SNCg. 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 SNCg, 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 SNCg in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SNCg in human serum, plasma, tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for SNCg elisa kit	Tumor immunity; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	15705905
Molecular Weight	13,331 Da
NCBI Official Full Name	synuclein gamma
UniProt Protein Name	Gamma-synuclein
UniProt Gene Name	SNCG
UniProt Synonym Gene Names	BCSG1; PERSYN; PRSN; SR
UniProt Entry Name	SYUG_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/synuclein-gamma-sncg/139173>