

Canine alpha Synuclein oligomer ELISA Kit | alpha-SYNo elisa kit

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CATALOG #
AAA92706

REACTIVITY
Canine

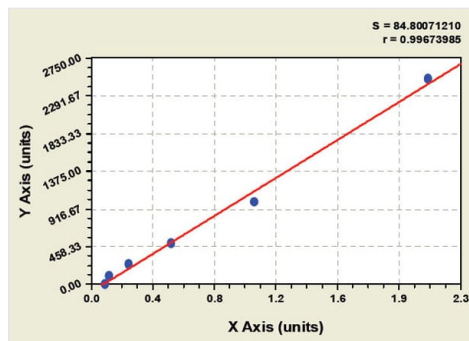
PRODUCT SYNONYMS

alpha Synuclein oligomer; Canine alpha Synuclein oligomer ELISA Kit; Canine a Synuclein oligomer ELISA Kit; alpha-SYNo elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	25-500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This alpha-SYNo ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine alpha-SYNo. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for alpha-SYNo elisa kit

Principle of the Assay: alpha-SYNo ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for alpha-SYNo. Standards or samples are then added to the microtiter plate wells and alpha-SYNo if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of alpha-SYNo present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for alpha-SYNo are added to each well to "sandwich" the alpha-SYNo immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain alpha-SYNo and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The alpha-SYNo concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	586067
NCBI GeneID	6622
Molecular Weight	13,109 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 Official Synonym Symbols	PD1; NACP; PARK1; PARK4
NCBI Protein Information	alpha-synuclein; synuclein alpha-140; non A-beta component of AD amyloid
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/alpha-syno-canine-elisa-kits/alpha-synuclein-oligomer/92706>