

Canine Synaptopodin ELISA Kit | SYNPO elisa kit

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CATALOG #
AAA91962

REACTIVITY
Canine

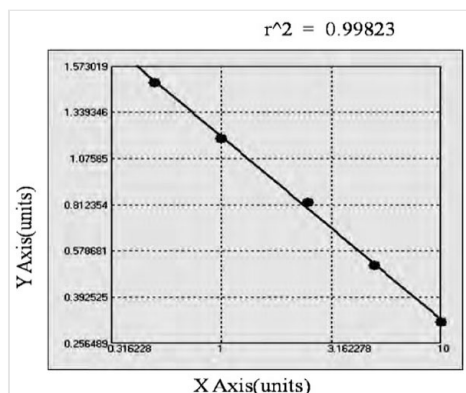
PRODUCT SYNONYMS

Synaptopodin; Canine Synaptopodin ELISA Kit; SYNPO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This SYNPO ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine SYNPO. 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 SYNPO elisa kit

Principle of the assay: SYNPO ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SYNPO antibody and an SYNPO-HRP conjugate. The assay sample and buffer are incubated together with SYNPO-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SYNPO concentration since SYNPO from samples and SYNPO-HRP conjugate compete for the anti-SYNPO antibody binding site. Since the number of sites is limited, as more sites are occupied by SYNPO from the sample, fewer sites are left to bind SYNPO-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SYNPO concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33323347
Molecular Weight	73,667 Da
NCBI Official Full Name	synaptopodin
UniProt Protein Name	Synaptopodin
UniProt Gene Name	SYNPO
UniProt Synonym Gene Names	KIAA1029
UniProt Entry Name	SYNPO_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/synpo-canine-elisa-kits/synaptopodin/91962>