

Goat Presenilin 2 ELISA Kit | PS2 elisa kit

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CATALOG #
AAA95680

REACTIVITY
Goat

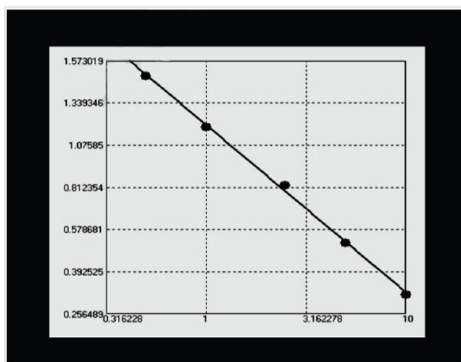
PRODUCT SYNONYMS

Presenilin 2; Goat Presenilin 2 ELISA Kit; PS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PS2 elisa kit

Intended Uses: This PS2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat PS2. This ELISA kit for research use only!

Principle of the Assay: PS2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PS2 antibody and an PS2-HRP conjugate. The assay sample and buffer are incubated together with PS2-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 PS2 concentration since PS2 from samples and PS2-HRP conjugate compete for the anti-PS2 antibody binding site. Since the number of sites is limited, as more sites are occupied by PS2 from the sample, fewer sites are left to bind PS2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PS2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PS2 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	156105681
NCBI GeneID	5664
NCBI Accession #	NP_036618.2
NCBI GenBank Nucleotide #	NM_012486.2
UniProt Accession #	P49810; Q96P32; A8K8D4; B1AP21
Molecular Weight	50,140 Da
NCBI Official Full Name	presenilin-2 isoform 2
NCBI Official Synonym Full Names	presenilin 2 (Alzheimer disease 4)
NCBI Official Symbol	PSEN2
NCBI Official Synonym Symbols	AD4; PS2; AD3L; STM2; CMD1V
NCBI Protein Information	presenilin-2; AD5; E5-1; PS-2; AD3LP; STM-2
UniProt Protein Name	Presenilin-2
UniProt Gene Name	PSEN2
UniProt Synonym Gene Names	AD4; PS2; PSNL2; STM2; PS-2
UniProt Entry Name	PSN2_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/ps2-goat-elisa-kits/presenilin-2/95680>