

Rat Presenilin 1 ELISA Kit | PS1 elisa kit

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CATALOG #
AAA101389

REACTIVITY
Rat

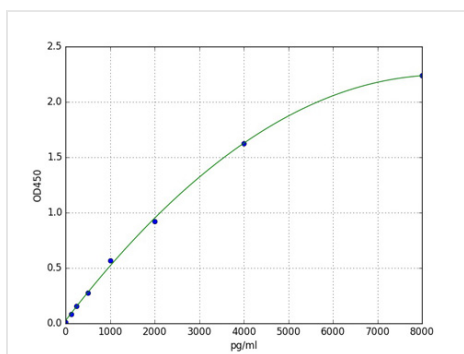
PRODUCT SYNONYMS

Presenilin 1; Rat Presenilin 1 ELISA Kit; PS1/PSEN1/S182/AD3EC 3.4.23-/Alzheimer disease 3/EC 3.4.23/FAD/Protein S182/PS-1/PS1/presenilin-1/PSEN1/PSNL1/S182; PS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	453
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	125-8000pg/ml
Sensitivity	75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat PS1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	125	250	500	1000	2000	4000	8000
Y	OD450	0.012	0.194	0.307	0.458	0.848	1.199	1.862	2.481

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PS1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat PS1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat PS1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat PS1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat PS1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15223879
NCBI GeneID	837391
NCBI Accession #	NP_172346.1
NCBI GenBank Nucleotide #	NM_100743.3
Molecular Weight	49,308 Da
NCBI Official Full Name	Presenilin-1
NCBI Official Symbol	PS1
NCBI Official Synonym Symbols	F22O13.18; F22O13_18; Presenilin-1; PS1
NCBI Protein Information	Presenilin-1
UniProt Protein Name	Presenilin-like protein At1g08700
UniProt Gene Name	At1g08700
UniProt Entry Name	PSNA_ARATH

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/ps1-rat-elisa-kits/presenilin-1/101389>