

Human Presenilin-2 ELISA Kit | PSEN2 elisa kit

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CATALOG #
AAA98490

REACTIVITY
Human

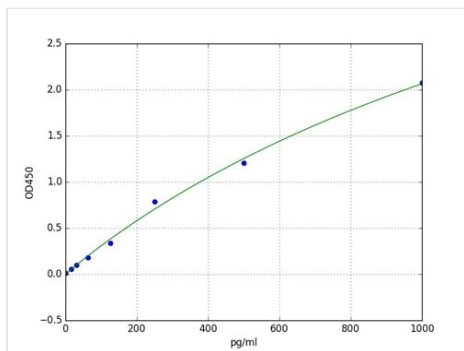
PRODUCT SYNONYMS

Presenilin-2; Human Presenilin-2 ELISA Kit; PSEN2/Presenilin-2/PS-2/STM-2/E5-1/AD3LP/AD5/AD4/PSNL2; PSEN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	448
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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 Human PSEN2 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	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.051	0.101	0.134	0.243	0.439	0.829	1.482	2.472

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSEN2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human PSEN2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PSEN2 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 Human PSEN2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PSEN2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

156105679

NCBI GeneID	5664
NCBI Accession #	NP_000438.2
NCBI GenBank Nucleotide #	NM_000447.2
Molecular Weight	50,011 Da
NCBI Official Full Name	presenilin-2 isoform 1
NCBI Official Synonym Full Names	presenilin 2
NCBI Official Symbol	PSEN2
NCBI Official Synonym Symbols	AD4; PS2; AD3L; STM2; CMD1V
NCBI Protein Information	presenilin-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.

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Online datasheet: <https://stage.aaabiotech.com/psen2-human-elisa-kits/presenilin-2/98490>