

Rat Presenilin 1 (PSEN1) ELISA Kit | PSEN1 elisa kit

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CATALOG #
AAA63844

REACTIVITY
Rat

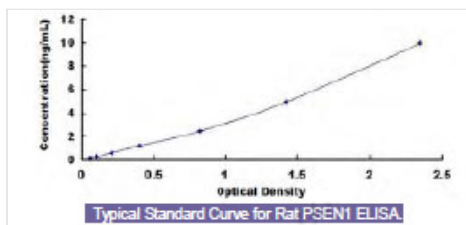
PRODUCT SYNONYMS

Presenilin 1 (PSEN1); Rat Presenilin 1 (PSEN1) ELISA Kit; FAD; AD3; PS1; PSNL1; S182; Alzheimer Disease 3; Protein S182; Presenilin-1 CTF12; PSEN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of PSEN1. No significant cross-reactivity or interference between PSEN1 and analogues was observed.
Sequence Length	468
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.061ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PSEN1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PSEN1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSEN1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PSEN1 in rat serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PSEN1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PSEN1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PSEN1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of PSEN1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47575859
NCBI GeneID	29192
NCBI Accession #	NP_062036.2
NCBI GenBank Nucleotide #	NM_019163.3
UniProt Accession #	P97887; P97529
Molecular Weight	52,790 Da
NCBI Official Full Name	presenilin-1
NCBI Official Synonym Full Names	presenilin 1
NCBI Official Symbol	Psen1
NCBI Protein Information	presenilin-1
UniProt Protein Name	Presenilin-1
UniProt Gene Name	Psen1
UniProt Synonym Gene Names	Psnl1; PS-1; PS1-CTF12

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.