

Rat gamma-Secretase ELISA Kit | gamma-Secretase elisa kit

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CATALOG #
AAA166077

REACTIVITY
Rat

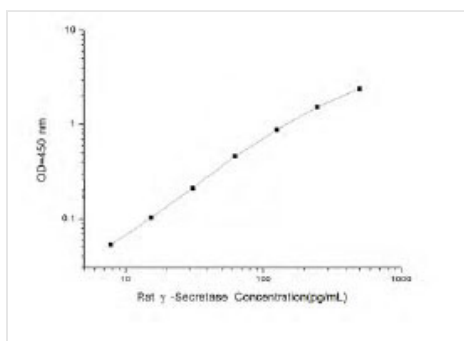
PRODUCT SYNONYMS

gamma-Secretase; Rat gamma-Secretase ELISA Kit; gamma-Secretase elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes Rat gamma-Secretase in samples. No significant cross-reactivity or interference between Rat gamma-Secretase and analogues was observed.
Sequence Length	101
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	7.81-500pg/mL
Sensitivity	4.69pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Rat gamma-Secretase were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Rat gamma-Secretase were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for gamma-Secretase elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat gamma-Secretase. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Rat gamma-Secretase and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat gamma-Secretase, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Rat gamma-Secretase. You can calculate the concentration of Rat gamma-Secretase in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat gamma-Secretase concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	528281416
NCBI GeneID	55851
NCBI Accession #	NP_001268461.1
NCBI GenBank Nucleotide #	NM_001281532.1
Molecular Weight	12,029 Da
NCBI Official Full Name	gamma-secretase subunit PEN-2
NCBI Official Synonym Full Names	presenilin enhancer gamma secretase subunit
NCBI Official Symbol	PSENEN
NCBI Official Synonym Symbols	PEN2; PEN-2; MDS033; MSTP064
NCBI Protein Information	gamma-secretase subunit PEN-2; hematopoietic stem/progenitor cells protein MDS033; presenilin enhancer 2 homolog
UniProt Protein Name	Gamma-secretase subunit PEN-2
UniProt Gene Name	PSENEN
UniProt Synonym Gene Names	PEN2
UniProt Entry Name	PEN2_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.