

Human Gamma-secretase subunit APH-1A ELISA Kit | APH1A elisa kit

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CATALOG #
AAA98295

REACTIVITY
Human

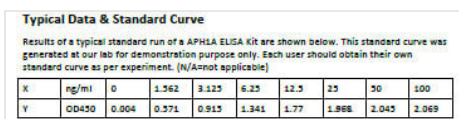
PRODUCT SYNONYMS

Gamma-secretase subunit APH-1A; Human Gamma-secretase subunit APH-1A ELISA Kit; APH1A (Gamma-secretase subunit APH-1A)/APH-1/APH-1a/aph-1alpha/Aph-1alpha/CGI-78/PSF/anterior pharynx defective 1 homolog A/Presenilin-stabilization factor/Aph-1alpha/Presenilin-stabilization factor; APH1A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of APH1A . No significant cross-reactivity or interference between APH1A and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross - reactivity detection between APH1A and all the analogues, therefore, cross reaction may still exist.
Sequence Length	247
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level APH1A were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level APH1A were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for APH1A elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-APH1A antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- APH1A 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. HRPStreptavidin 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 APH1A amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of APH1A can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148229138
NCBI GeneID	595044
NCBI Accession #	NP_001089056.1
NCBI GenBank Nucleotide #	NM_001095587.1
NCBI Official Full Name	aph-1 homolog A, gamma secretase subunit
NCBI Official Synonym Full Names	aph-1 homolog A, gamma secretase subunit
NCBI Official Symbol	aph1a
NCBI Protein Information	aph-1 homolog A, gamma secretase subunit

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/aph1a-human-elisa-kits/gamma-secretase-subunit-aph-1a/98295>