

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

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CATALOG #  
**AAA195030**

REACTIVITY  
**Human**

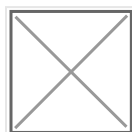
### PRODUCT SYNONYMS

Gamma-secretase subunit APH-1A; Human Gamma-secretase subunit APH-1A ELISA Kit; APH-1a; Aph-1alpha; Presenilin-stabilization factor; APH1A; PSF; CGI-78; UNQ579/PRO1141; APH1A elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                     |
| Specificity             | This assay recognizes recombinant and natural human APH-1a. No significant cross-reactivity or interference was observed. |
| Sequence Length         | 265                                                                                                                       |
| Samples                 | Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids                                 |
| Detection Range         | 1.56 ng/mL -100 ng/mL                                                                                                     |
| Sensitivity             | 0.39 ng/mL                                                                                                                |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C.                                                       |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for APH1A elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human gamma-secretase subunit aph-1a,APH-1a concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to APH-1a. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for APH-1a and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain APH-1a, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm  $\pm$  2 nm. The concentration of APH-1a in the samples is then determined by comparing the O.D. of the samples to the standard curve.

### NCBI AND UNIPROT INFORMATION

|             |                           |
|-------------|---------------------------|
| NCBI GI #   | <a href="#">117606362</a> |
| NCBI GeneID | <a href="#">51107</a>     |

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI Accession #                 | NP_001071096.1                                         |
| NCBI GenBank Nucleotide #        | NM_001077628.2                                         |
| UniProt Accession #              | Q96BI3; Q5TB22; Q5TB23; Q969R6; Q9BVG0; Q9Y386; B4DQK0 |
| Molecular Weight                 | 20,977 Da                                              |
| NCBI Official Full Name          | gamma-secretase subunit APH-1A isoform 1               |
| NCBI Official Synonym Full Names | aph-1 homolog A, gamma secretase subunit               |
| NCBI Official Symbol             | APH1A                                                  |
| NCBI Official Synonym Symbols    | APH-1; APH-1A; CGI-78; 6530402N02Rik                   |
| NCBI Protein Information         | gamma-secretase subunit APH-1A                         |
| UniProt Protein Name             | Gamma-secretase subunit APH-1A                         |
| UniProt Gene Name                | <b>APH1A</b>                                           |
| UniProt Synonym Gene Names       | PSF; APH-1a                                            |
| UniProt Entry Name               | APH1A_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/aph1a-human-elisa-kits/gamma-secretase-subunit-aph-1a/195030>