

## Mouse Beta-secretase 1 ELISA Kit | Bace1 elisa kit

Mouse Beta-secretase 1 ELISA Kit

CATALOG #  
**AAA190507**

REACTIVITY  
**Mouse**

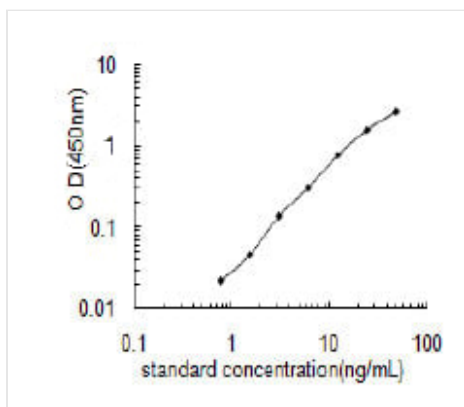
### PRODUCT SYNONYMS

Beta-secretase 1; Mouse Beta-secretase 1 ELISA Kit; Aspartyl protease 2; ASP2; Asp 2; Beta-site amyloid precursor protein cleaving enzyme 1; Beta-site APP cleaving enzyme 1; Memapsin-2; Membrane-associated aspartic protease; Bace1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                 |
| Specificity             | Recombinant and natural Mouse Beta-secretase 1                                        |
| Sequence Length         | 467                                                                                   |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids |
| Detection Range         | 0.78-50 ng/mL                                                                         |
| Sensitivity             | < 0.39 ng/mL                                                                          |
| Intra-assay Precision   | <=5.7%                                                                                |
| Inter-assay Precision   | <=9.6%                                                                                |
| 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 Bace1 elisa kit | <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.</p> |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | 225543122                                          |
| NCBI GeneID                      | 23821                                              |
| NCBI Accession #                 | NP_001139419.1                                     |
| NCBI GenBank Nucleotide #        | NM_001145947.2                                     |
| UniProt Accession #              | P56818; Q544D0                                     |
| Molecular Weight                 | 55,748 Da                                          |
| NCBI Official Full Name          | beta-secretase 1 isoform 2                         |
| NCBI Official Synonym Full Names | beta-site APP cleaving enzyme 1                    |
| NCBI Official Symbol             | Bace1                                              |
| NCBI Official Synonym Symbols    | ASP2; Bace; C76936                                 |
| NCBI Protein Information         | beta-secretase 1                                   |
| UniProt Protein Name             | Beta-secretase 1                                   |
| UniProt Gene Name                | Bace1                                              |
| UniProt Synonym Gene Names       | Bace; ASP2; Asp 2; Beta-site APP cleaving enzyme 1 |
| UniProt Entry Name               | BACE1_MOUSE                                        |

**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/bace1-mouse-elisa-kits/beta-secretase-1/190507>