

## Human Beta-amyloid protein 42 ELISA Kit | Beta-APP42 elisa kit

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CATALOG #  
**AAA13325**

REACTIVITY  
**Human**

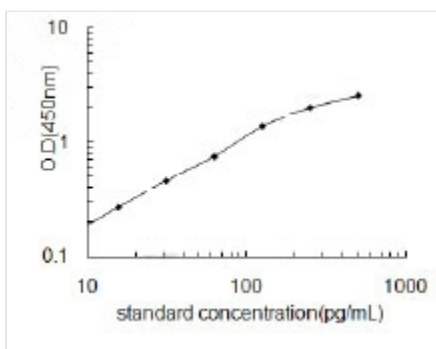
### PRODUCT SYNONYMS

Beta-amyloid protein 42; Human Beta-amyloid protein 42 ELISA Kit; Beta-APP42 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                 |
| Specificity             | Recombinant and natural Human Beta-amyloid protein 42                                 |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids |
| Detection Range         | 7.8-500 pg/mL                                                                         |
| Sensitivity             | < 3.12 pg/mL                                                                          |
| Intra-assay Precision   | <=4.7%                                                                                |
| Inter-assay Precision   | <=6.9%                                                                                |
| 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 Beta-APP42 elisa kit

**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.

**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.

**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/beta-app42-human-elisa-kits/beta-amyloid-protein-42/13325>