

## GuineaPig amyloid beta peptide 1-40 ELISA Kit | Abeta1-40 elisa kit

Guinea Pig amyloid beta peptide 1-40 ELISA Kit

CATALOG #  
**AAA16535**

REACTIVITY  
**GuineaPig**

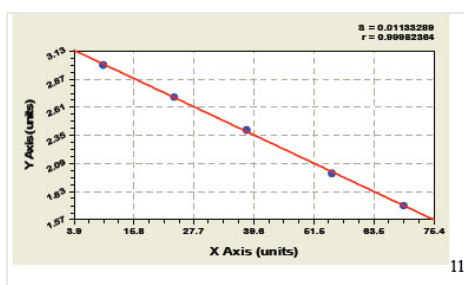
### PRODUCT SYNONYMS

amyloid beta peptide 1-40; Guinea Pig amyloid beta peptide 1-40 ELISA Kit; amyloid beta peptide 1-40 (Guinea Pig); Abeta1-40 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | GuineaPig                                                                                                                                                                                             |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                            |
| Assay Type              | Competitive                                                                                                                                                                                           |
| Sensitivity             | 1.0 pg/mL.                                                                                                                                                                                            |
| Intended Uses           | This Abeta1~40 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig Abeta1~40. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C                                                                                                                                                                    |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for Abeta1-40 elisa kit

**Principle of the assay:** Abeta1~40 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Abeta1~40 antibody and an Abeta1~40-HRP conjugate. The assay sample and buffer are incubated together with Abeta1~40-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Abeta1~40 concentration since Abeta1~40 from samples and Abeta1~40-HRP conjugate compete for the anti-Abeta1~40 antibody binding site. Since the number of sites is limited, as more sites are occupied by Abeta1~40 from the sample, fewer sites are left to bind Abeta1~40-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Abeta1~40 concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for Abeta1-40 elisa kit

Guinea Pig ELISA Kit

**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/abeta1-40-pig-elisa-kits/amyloid-beta-peptide-1-40/16535>