

Datasheet for ABIN5524032

Abeta 1-42 ELISA Kit[Go to Product page](#)**1** Image**1** Publication

Overview

Quantity:	96 tests
Target:	Abeta 1-42
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	15.625 pg/mL - 1000 pg/mL
Minimum Detection Limit:	15.625 pg/mL
Application:	ELISA

Product Details

Purpose:	For quantitative detection of A β 42 in serum, plasma, tissue homogenates.
Sample Type:	Plasma, Serum, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This assay has high sensitivity and excellent specificity for detection of A β 42. No significant cross-reactivity or interference between A β 42 and analogues was observed. Note: Limited by current skills and knowledge, it is difficult for us to complete the cross-reactivity detection between A β 42 and all the analogues, therefore, cross reaction may still exist.
Sensitivity:	9.375 pg/mL
Components:	<ul style="list-style-type: none">- ELISA Microplate- Lyophilized Standard- Sample / Standard Dilution Buffer

Product Details

- Biotin-labeled Antibody (Concentrated)
- Antibody Dilution Buffer
- HRP-Streptavidin Conjugate(SABC)
- SABC Dilution Buffer
- TMB Substrate
- Stop Solution
- Wash Buffer (25X)
- Plate Sealer
- Product Description

Target Details

Target:	Abeta 1-42
Alternative Name:	Abeta42 (Abeta 1-42 Products)
Background:	Aβ42(Amyloid Beta 42)/Aβ(1-42)/Aβ1-42

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Sandwich ELISA, Double Antibody
Sample Volume:	100 µL
Plate:	Pre-coated
Restrictions:	For Research Use only

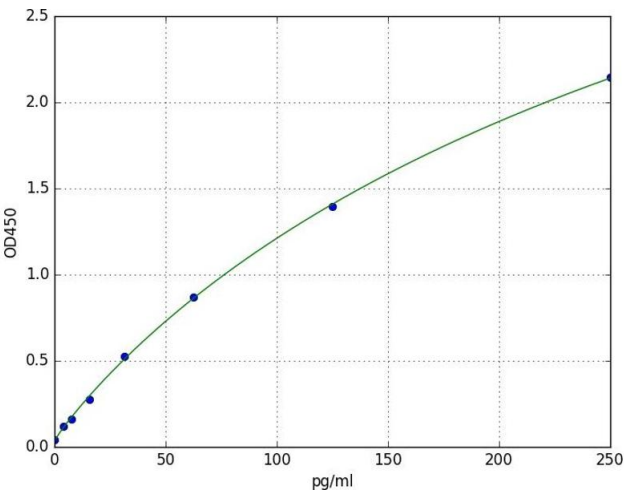
Handling

Storage:	4 °C
Storage Comment:	<ol style="list-style-type: none">1. For unopened kit: All the reagents should be kept according to the labels on vials. The Reference Standard and the 96-well stripe plate should be stored at -20 °C upon receipt while the other reagents should be stored at 4 °C.2. For used kit: When the kit is used, the remaining reagents need to be stored according to the above storage condition. Besides, please return the unused wells to the foil pouch containing the desiccant pack, and zip-seal the foil pouch.
Expiry Date:	6 months

Publications

Product cited in: Lin, Ho, Tsen, Huang, Wu, Huang, Hsiao, Chuang et al.: "From the Cover: Comparative Proteomics Reveals Silver Nanoparticles Alter Fatty Acid Metabolism and Amyloid Beta Clearance for Neuronal Apoptosis in a Triple Cell Coculture Model of the Blood-Brain ..." in: **Toxicological sciences : an official journal of the Society of Toxicology**, Vol. 158, Issue 1, pp. 151-163, (2018) ([PubMed](#)).

Images



ELISA

Image 1. A typical standard curve