

[Go to Product page](#)

Datasheet for ABIN5067940 beta Amyloid ELISA Kit

Overview

Quantity:	96 tests
Target:	beta Amyloid (Abeta)
Binding Specificity:	AA 1-40
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details

Purpose:	<p>The Human beta Amyloid 1-40 (Hu A beta40) ELISA kit is a solid phase sandwich Enzyme Linked-Immuno-Sorbent Assay (ELISA). A monoclonal antibody specific for the NH₂-terminus of Hu b-amyloid has been coated onto the wells of the microtiter strips provided. During the first incubation, standards of known Hu b-amyloid 40 content, controls, and unknown samples are pipetted into the wells and co-incubated with a rabbit antibody specific for the COOH-terminus of the 1-40 b-amyloid sequence. This COOH- terminal sequence is created upon cleavage of the analyzed precursor. Bound rabbit antibody is detected by the use of a horseradish peroxidase-labeled anti-rabbit antibody. After washing, horseradish peroxidase-labeled anti-rabbit antibody (enzyme) is added. After a second incubation and washing to remove all the unbound enzyme, a substrate solution is added, which is acted upon by the bound enzyme to produce color. The intensity of this colored product is directly proportional to the concentration of Hu A beta40 present in the original specimen.</p>
Sample Type:	Cerebrospinal Fluid, Tissue Homogenate, Tissue Culture Medium
Analytical Method:	Quantitative

Product Details

Detection Method:	Colorimetric
Cross-Reactivity (Details):	Calculated cross reactivity: Hu
Sensitivity:	> 6 pg/mL
Characteristics:	β-Amyloid, aa1-40, Human, ELISA Kit
Components:	<ul style="list-style-type: none">• * beta Amyloid Standard, 1x1vial• Standard Diluent Buffer, 1x60ml• Microtiter Plate, 1x96 wells• beta Amyloid , Pab 1x6ml• IgG (HRP) (100X), 1x125ul• HRP Diluent, 1x25ml• Wash Buffer (25X), 1x100ml• TMB, 1x25ml• Stop Solution, 1x25ml

Target Details

Target:	beta Amyloid (Abeta)
Alternative Name:	beta-Amyloid (Abeta Products)
Pathways:	Inflammasome

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Storage:	4 °C,-80 °C
Storage Comment:	4°C/-70°C