

Human Amyloid beta 42 (AB42) ELISA Kit | AB42 elisa kit

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CATALOG #
AAA331061

REACTIVITY
Human

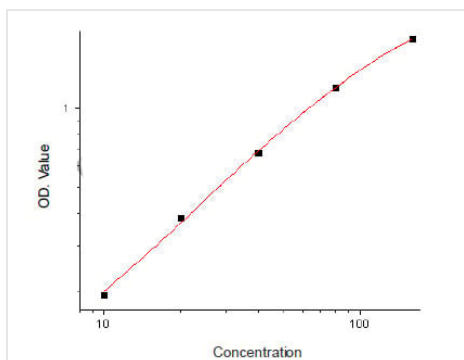
PRODUCT SYNONYMS

Amyloid beta 42 (AB42); Human Amyloid beta 42 (AB42) ELISA Kit; AB42 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AB42 elisa kit

Principle of the Assay: Human Amyloid beta 42 (AB42) ELISA Kit employs a two-site sandwich ELISA to quantitate AB42 in samples. An antibody specific for AB42 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any AB42 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human AB42 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of AB42 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Background/Introduction: Amyloid beta (Abeta or Aβ) denotes peptides of 36-43 amino acids that are crucially involved in Alzheimer's disease as the main component of the amyloid plaques found in the brains of Alzheimer patients. The peptides derive from the amyloid precursor protein (APP), which is cleaved by beta secretase and gamma secretase to yield Aβ. Aβ molecules can aggregate to form flexible soluble oligomers which may exist in several forms.

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.