

Human beta-site APP-Cleaving Enzyme 1, BACE1 ELISA Kit | BACE1 elisa kit

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CATALOG #
AAA43125

REACTIVITY
Human

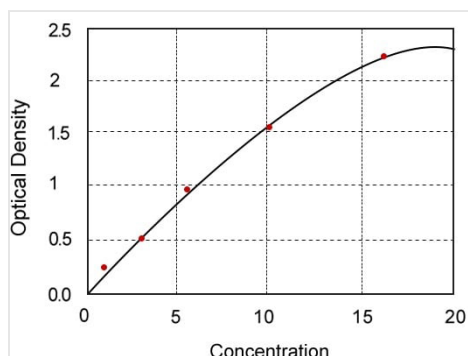
PRODUCT SYNONYMS

beta-site APP-Cleaving Enzyme 1; BACE1; Human beta-site APP-Cleaving Enzyme 1; BACE1 ELISA Kit; BACE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	314
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.026ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BACE1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Beta-site APP-Cleaving Enzyme 1 (also known as BACE1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human BACE1 antibody. BACE1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human BACE1 Antibody is added and binds to BACE1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated BACE1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human BACE1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	226479176
Molecular Weight	36,809 Da
NCBI Official Full Name	beta-site APP-cleaving enzyme 1
UniProt Protein Name	Beta-site APP-cleaving enzyme 1
UniProt Gene Name	BACE1

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/human-elisa-kits/beta-site-app-cleaving-enzyme-1-bace1/43125>