

Mouse Beta-secretase 1 ELISA Kit | Bace1 elisa kit

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CATALOG #
AAA97792

REACTIVITY
Mouse

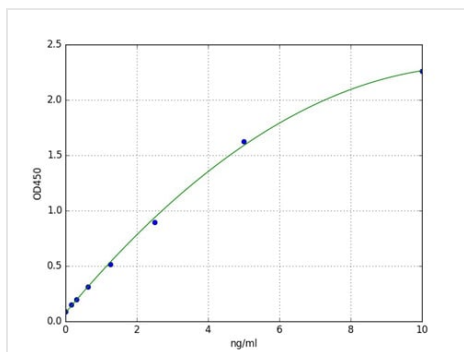
PRODUCT SYNONYMS

Beta-secretase 1; Mouse Beta-secretase 1 ELISA Kit; Bace1/APP beta-secretase/ASP2/Aspartyl protease 2/BACEAsp 2/beta-secretase 1/beta-secretase 1 precursor variant 1/beta-site amyloid beta A4 precursor protein-cleaving enzyme/Beta-site amyloid precursor protein cleaving enzyme 1/Beta-site APP cleaving enzyme 1/beta-site APP-cleaving enzyme/beta-site APP-cleaving enzyme 1/EC 3.4.23/EC 3.4.23.46/FLJ90568/HSPC104/KIAA1149/memapsin-2/Memapsin-2/Membrane-associated aspartic protease 2/transmembrane aspartic proteinase Asp2; Bace1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	501
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Bace1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.082	0.146	0.159	0.252	0.496	0.788	1.483	2.057

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Bace1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Bace1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Bace1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse Bace1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Bace1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912266
NCBI GeneID	23621
NCBI Accession #	NP_036236.1
NCBI GenBank Nucleotide #	NM_012104.4
Molecular Weight	42,107 Da
NCBI Official Full Name	beta-secretase 1 isoform A preproprotein
NCBI Official Synonym Full Names	beta-site APP-cleaving enzyme 1
NCBI Official Symbol	BACE1
NCBI Official Synonym Symbols	ASP2; BACE; HSPC104
NCBI Protein Information	beta-secretase 1
UniProt Protein Name	Beta-secretase 1
UniProt Gene Name	BACE1
UniProt Synonym Gene Names	BACE; KIAA1149; ASP2; Asp 2; Beta-site APP cleaving enzyme 1
UniProt Entry Name	BACE1_HUMAN

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/bace1-mouse-elisa-kits/beta-secretase-1/97792>