

Rat Beta-secretase 1 ELISA Kit | Bace1 elisa kit

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CATALOG #
AAA23331

REACTIVITY
Rat

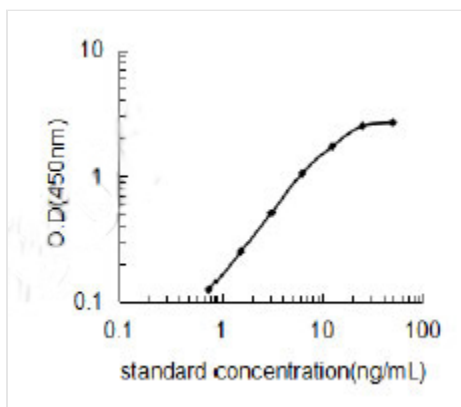
PRODUCT SYNONYMS

Beta-secretase 1; Rat Beta-secretase 1 ELISA Kit; Aspartyl protease 2; ASP2; Asp 2; Beta-site amyloid precursor protein cleaving enzyme 1; Beta-site APP cleaving enzyme 1; Memapsin-2; Membrane-associated aspartic; Bace1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Beta-secretase 1
Sequence Length	501
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.78-50 ng/mL
Sensitivity	< 0.39 ng/mL
Intra-assay Precision	<=6.5%
Inter-assay Precision	<=9.3%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Bace1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9506421
NCBI GeneID	29392
NCBI Accession #	NP_062077.1
NCBI GenBank Nucleotide #	NM_019204.2
UniProt Accession #	P56819
Molecular Weight	55,807 Da
NCBI Official Full Name	beta-secretase 1
NCBI Official Synonym Full Names	beta-site APP cleaving enzyme 1
NCBI Official Symbol	Bace1
NCBI Official Synonym Symbols	Bace
NCBI Protein Information	beta-secretase 1
UniProt Protein Name	Beta-secretase 1
UniProt Gene Name	Bace1
UniProt Synonym Gene Names	Bace; ASP2; Asp 2; Beta-site APP cleaving enzyme 1
UniProt Entry Name	BACE1_RAT

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-rat-elisa-kits/beta-secretase-1/23331>