

Product Datasheet

Mouse Beta-Site APP Cleaving Enzyme 1 (bACE1) ELISA Kit (orb777389)

Catalog Number	orb777389
Category	Assays and Kits
Description	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Beta-Site APP Cleaving Enzyme 1(bACE1).
Reactivity	Mouse
Concentration	2000 pg/mL
UniProt ID	P56818
Tested applications	ELISA
Application notes	standard: 2000 pg/mL. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse bACE1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse bACE1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mouse bACE1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm \pm 10nm. The concentration of Mouse bACE1 in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Sandwich
Assay Time	3.5h

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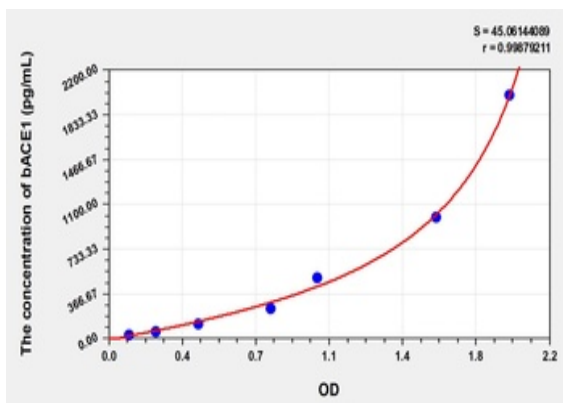
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Range	31.25-2000 pg/mL
Sensitivity	14.3 pg/mL
Sample Types	Serum, plasma, tissue homogenates, cerebrospinal fluid and other biological fluids
Note	For research use only
Expiration Date	Please enquire.

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