

Product Datasheet

Rat Beta-Site APP Cleaving Enzyme 2 (BACE2) ELISA Kit (orb1949642)

Catalog Number	orb1949642
Category	Assays and Kits
Description	Rat Beta-Site APP Cleaving Enzyme 2 (BACE2) ELISA Kit
Target	BACE2
Reactivity	Rat
UniProt ID	Q6IE75
Application notes	<p>This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat BACE2. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Rat BACE2 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat BACE2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm \pm 2 nm. The OD value is proportional to the concentration of Rat BACE2. You can calculate the concentration of Rat BACE2 in the samples by comparing the OD of the samples to the standard curve.</p>
Assay Type	Sandwich
Assay Time	3.5H
Standard	200ng/mL

Biorbyt Ltd.

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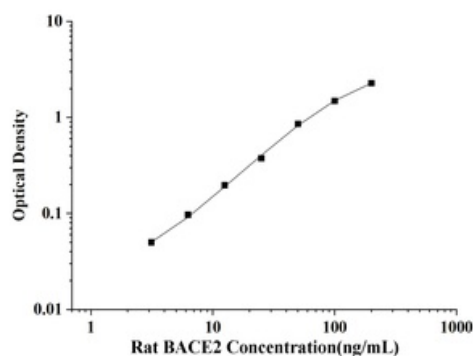
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Range	3.13-200ng/mL
Sensitivity	1.88 ng/mL
Sample Types	Tissue homogenate
Note	For research use only
Expiration Date	6 months from date of receipt.

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