

Product Datasheet

Human Adenylate Cyclase 1, Brain (ADCY1) ELISA Kit (orb1949884)

Catalog Number	orb1949884
Category	Assays and Kits
Description	Human Adenylate Cyclase 1, Brain (ADCY1) ELISA Kit
Target	ADCY1
Reactivity	Human
UniProt ID	Q08828
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 Human ADCY1. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human ADCY1 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 Human ADCY1, 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 Human ADCY1. You can calculate the concentration of Human ADCY1 in the samples by comparing the OD of the samples to the standard curve.</p>
Assay Type	Sandwich
Assay Time	3.5H
Standard	50ng/mL

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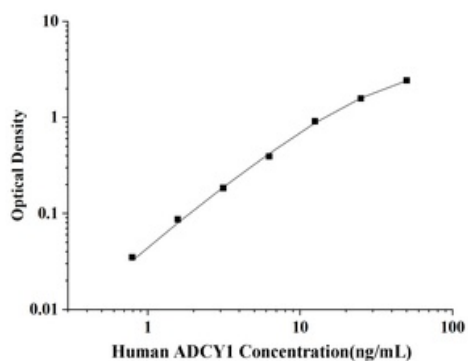
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Range	0.79-50ng/mL
Sensitivity	0.47 ng/mL
Sample Types	Tissue homogenate
Note	For research use only
Expiration Date	6 months from date of receipt.

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