

Datasheet for ABIN2042783
ADCY9 ELISA Kit



[Go to Product page](#)

Overview

Quantity:	96 tests
Target:	ADCY9
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.31-20 ng/mL
Minimum Detection Limit:	0.31 ng/mL
Application:	ELISA

Product Details

Brand:	BioAssay™
Detection Method:	Colorimetric
Sensitivity:	< 0.118 ng/mL

Target Details

Target:	ADCY9
Abstract:	ADCY9 Products
Pathways:	EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Thyroid Hormone Synthesis , cAMP Metabolic Process , Myometrial Relaxation and Contraction , G-protein mediated Events , Interaction of EGFR with phospholipase C-gamma

Application Details

Plate: Pre-coated

Protocol: Adenylate Cyclase 9 (ADCY9) BioAssay-ELISA Kit (Human) is a Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Adenylate Cyclase 9 (ADCY9). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Adenylate Cyclase 9 (ADCY9). 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 Adenylate Cyclase 9 (ADCY9), 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 $450\text{nm} \pm 10\text{nm}$. The concentration of Adenylate Cyclase 9 (ADCY9) in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Restrictions: For Research Use only

Handling

Storage: $4\text{ }^{\circ}\text{C}/-20\text{ }^{\circ}\text{C}$