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Datasheet for ABIN2044439

Rhodopsin ELISA Kit



Overview

Quantity:	96 tests
Target:	Rhodopsin (RHO)
Reactivity:	Chemical
Method Type:	Sandwich ELISA
Detection Range:	1.56-100 ng/mL
Minimum Detection Limit:	1.56 ng/mL
Application:	ELISA

Product Details

Brand:	BioAssay™
Detection Method:	Colorimetric
Sensitivity:	< 0.64 ng/mL

Target Details

Target:	Rhodopsin (RHO)
Abstract:	RHO Products
Target Type:	Chemical
Pathways:	WNT Signaling, Sensory Perception of Sound, Regulation of G-Protein Coupled Receptor Protein
	Signaling, Phototransduction

Application Details

Plate:	Pre-coated
Protocol:	Rhodopsin (RHO) 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 Rhodopsin (RHO). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Rhodopsin (RHO). 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 Rhodopsin (RHO), 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±10nm. The concentration of Rhodopsin (RHO) 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 °C/-20 °C