

Product Datasheet

Human Rhodopsin (RHO) ELISA Kit (orb778511)

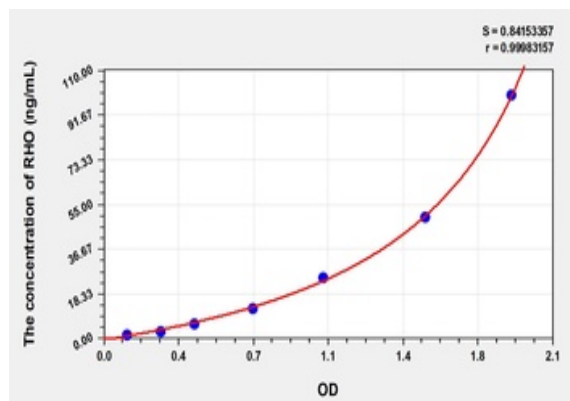
Description	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rhodopsin(RHO).
Reactivity	Human
Range	1.57-100 ng/mL
Tested Applications	ELISA
Concentration	100 ng/mL
Note	For research use only
Application notes	standard: 100 ng/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 Human RHO. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human 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 $\pm$ 10nm. The concentration of Human RHO in the samples is then determined by comparing the OD of the samples to the standard curve
Sample Types	Tissue homogenates, cell lysates and other biological fluids
Assay Time	3.5h
Uniprot ID	P08100
Sensitivity	0.56 ng/mL
Expiration Date	Please enquire.

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