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Product Datasheet

Rat Histamine Receptor H1 (HRH1) ELISA Kit BYT-ORB780947

Article Name	Rat Histamine Receptor H1 (HRH1) ELISA Kit
Biozol Catalog Number	BYT-ORB780947
Supplier Catalog Number	orb780947
Alternative Catalog Number	BYT-ORB780947-48, BYT-ORB780947-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
Product 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 Histamine Receptor H1(HRH1)....
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.065 ng/mL
UniProt	P31390
Samples	Tissue homogenates and other biological fluids.

Application Notes

Application Notes: standard: 10 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 Rat HRH1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat HRH1. 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 Rat HRH1, 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 Rat HRH1 in the samples is then determined by comparing the OD of the samples to the standard curve