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Product Datasheet

Rat Adropin (AD) ELISA Kit

BYT-ORB1088203

Article Name	Rat Adropin (AD) ELISA Kit
Biozol Catalog Number	BYT-ORB1088203
Supplier Catalog Number	orb1088203
Alternative Catalog Number	BYT-ORB1088203-48, BYT-ORB1088203-96
Manufacturer	Biorbyt
Category	Kits/Assays
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 Adropin(AD). Standards or samples are added to the appropriate microtiter plate wells th...
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	12.5 pg/mL
Pubmed	40348136
Samples	serum, plasma, tissue homogenates and other biological fluids

Application Notes

Application Notes: standard: 2000 pg/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 AD. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat AD. 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 AD, 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 AD in the samples is then determined by comparing the OD of the samples to the standard curve