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Product Datasheet

Rat Apelin (APLN) ELISA Kit BYT-ORB780828

Article Name	Rat Apelin (APLN) ELISA Kit
Biozol Catalog Number	BYT-ORB780828
Supplier Catalog Number	orb780828
Alternative Catalog Number	BYT-ORB780828-48, BYT-ORB780828-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
Product Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Apelin(APLN) protein. Standards or samples are added to the appropriate microtiter plate wells then with a ...
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	4.36 pg/mL
UniProt	Q9R0R3
Samples	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 1000 pg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Rat APLN protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat APLN. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 APLN in the samples is then determined by comparing the OD of the samples to the standard curve