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Product Datasheet

Mouse Apelin (APLN) ELISA Kit BYT-ORB780855

Article Name	Mouse Apelin (APLN) ELISA Kit
Biozol Catalog Number	BYT-ORB780855
Supplier Catalog Number	orb780855
Alternative Catalog Number	BYT-ORB780855-48, BYT-ORB780855-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Mouse
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	8000 pg/mL
Range	125-8000 pg/mL
Sensitivity	34.8 pg/mL
UniProt	Q9R0R4
Samples	Serum, plasma and other biological fluids

Application Notes

Application Notes: standard: 8000 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 Mouse APLN protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse 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 Mouse APLN in the samples is then determined by comparing the OD of the samples to the standard curve