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Product Datasheet

Rat IntactParathormone (I-PTH) ELISA Kit BYT-ORB776427

Article Name	Rat IntactParathormone (I-PTH) ELISA Kit
Biozol Catalog Number	BYT-ORB776427
Supplier Catalog Number	orb776427
Alternative Catalog Number	BYT-ORB776427-48, BYT-ORB776427-96
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 Parathyroid Hormone(PTH) protein. Standards or samples are added to the appropriate microtiter plate wells ...
Concentration	800 pg/mL
Range	12.5-800 pg/mL
Sensitivity	3.76 pg/mL
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 800 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 I-PTH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat I-PTH. 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 I-PTH, 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 I-PTH in the samples is then determined by comparing the OD of the samples to the standard curve