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## Product Datasheet

### Rat Cortistatin (CORT) ELISA Kit BYT-ORB782468

Article Name	Rat Cortistatin (CORT) ELISA Kit
Biozol Catalog Number	BYT-ORB782468
Supplier Catalog Number	orb782468
Alternative Catalog Number	BYT-ORB782468-48, BYT-ORB782468-96
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 Cortistatin(CORT) protein. Standards or samples are added to the appropriate microtiter plate wells then wi...
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.051 ng/mL
Samples	Serum, plasma and other biological fluids

Application Notes

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