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Product Datasheet

Rat Glucagon (GC) ELISA Kit BYT-ORB780110

Article Name	Rat Glucagon (GC) ELISA Kit
Biozol Catalog Number	BYT-ORB780110
Supplier Catalog Number	orb780110
Alternative Catalog Number	BYT-ORB780110-48, BYT-ORB780110-96
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 Glucagon(GC) protein. Standards or samples are added to the appropriate microtiter plate wells then with a ...
Concentration	1500 pg/mL
Range	23.44-1500 pg/mL
Sensitivity	8.99 pg/mL
UniProt	P06883
Samples	Serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 1500 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 GC protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat GC. 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 GC in the samples is then determined by comparing the OD of the samples to the standard curve