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Product Datasheet

Rat Glycine (Gly) ELISA Kit
BYT-ORB782652

Article Name	Rat Glycine (Gly) ELISA Kit
Biozol Catalog Number	BYT-ORB782652
Supplier Catalog Number	orb782652
Alternative Catalog Number	BYT-ORB782652-48, BYT-ORB782652-96
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 Glycine(Gly) protein. Standards or samples are added to the appropriate microtiter plate wells then with a ...
Concentration	100 µg/mL
Range	1.57-100 µg/mL
Sensitivity	0.54 µg/mL
Samples	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes	Application Notes: standard: 100 µg/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 Gly protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat Gly. 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 Gly in the samples is then determined by comparing the OD of the samples to the standard curve