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Product Datasheet

General Phosphatidylinositol (PI) ELISA Kit BYT-ORB782066

Article Name	General Phosphatidylinositol (PI) ELISA Kit
Biozol Catalog Number	BYT-ORB782066
Supplier Catalog Number	orb782066
Alternative Catalog Number	BYT-ORB782066-48, BYT-ORB782066-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	All
Product Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Phosphatidylinositol(PI) protein. Standards or samples are added to the appropriate microtiter plate wells ...
Concentration	10000 pg/mL
Range	156.25-10000 pg/mL
Sensitivity	47.1 pg/mL
Samples	biological agents

Application Notes

Application Notes: standard: 10000 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 PI protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to PI. 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 PI in the samples is then determined by comparing the OD of the samples to the standard curve