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## Product Datasheet

### General Inositol Triphosphate (IP3) ELISA Kit BYT-ORB781984

Article Name	General Inositol Triphosphate (IP3) ELISA Kit
Biozol Catalog Number	BYT-ORB781984
Supplier Catalog Number	orb781984
Alternative Catalog Number	BYT-ORB781984-48, BYT-ORB781984-96
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 Inositol Triphosphate(IP3) protein. Standards or samples are added to the appropriate microtiter plate well...
Concentration	10000 pg/mL
Range	156.25-10000 pg/mL
Sensitivity	48.6 pg/mL
Samples	serum, plasma, cell lysates, cell culture supernates and other biological fluids

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 IP3 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to IP3. 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 IP3 in the samples is then determined by comparing the OD of the samples to the standard curve