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## Product Datasheet

### General Inositol Triphosphate (IP3) ELISA Kit BYT-ORB1806555

Article Name	General Inositol Triphosphate (IP3) ELISA Kit
Biozol Catalog Number	BYT-ORB1806555
Supplier Catalog Number	orb1806555
Alternative Catalog Number	BYT-ORB1806555-48,BYT-ORB1806555-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	All
Product Description	General Inositol Triphosphate (IP3) ELISA Kit...
Range	156.25-10000pg/mL
Sensitivity	49.3 pg/mL
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Target	IP3

Application Notes

Application Notes: 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 wells then with a biotin-conjugated antibody specific to Inositol Triphosphate(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 Inositol Triphosphate(IP3) in the samples is then determined by comparing the OD of the samples to the standard curve