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## Product Datasheet

### General Prostaglandin E1 (PGE1) ELISA Kit BYT-ORB1291328

Article Name	General Prostaglandin E1 (PGE1) ELISA Kit
Biozol Catalog Number	BYT-ORB1291328
Supplier Catalog Number	orb1291328
Alternative Catalog Number	BYT-ORB1291328-48, BYT-ORB1291328-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	All
Product Description	General PGE1 (Prostaglandin E1) ELISA Kit...
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	9.56 pg/mL
Samples	Cell culture supernatant, Plasma, Saliva, Serum, Tissue Culture Media, Urine

Application Notes

Application Notes: standard: 2000 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 PGE1 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to PGE1. 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 PGE1 in the samples is then determined by comparing the OD of the samples to the standard curve