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Product Datasheet

General Prostaglandin E1 (PGE1) ELISA Kit BYT-ORB1806572

Article Name	General Prostaglandin E1 (PGE1) ELISA Kit
Biozol Catalog Number	BYT-ORB1806572
Supplier Catalog Number	orb1806572
Alternative Catalog Number	BYT-ORB1806572-48,BYT-ORB1806572-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	All
Product Description	General Prostaglandin E1 (PGE1) ELISA Kit...
Range	31.25-2000pg/mL
Sensitivity	9.55 pg/mL
Samples	Cell culture supernatant, Plasma, Saliva, Serum, Tissue Culture Media, Urine
Target	PGE1

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 Prostaglandin E1(PGE1) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Prostaglandin E1(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 Prostaglandin E1(PGE1) in the samples is then determined by comparing the OD of the samples to the standard curve