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## Product Datasheet

### Chicken Prostaglandin E2 (PGE2) ELISA Kit BYT-ORB2667419

Article Name	Chicken Prostaglandin E2 (PGE2) ELISA Kit
Biozol Catalog Number	BYT-ORB2667419
Supplier Catalog Number	orb2667419
Alternative Catalog Number	BYT-ORB2667419-48,BYT-ORB2667419-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Gallus
Product Description	Chicken Prostaglandin E2 (PGE2) ELISA Kit...
Range	31.25-2000 pg/mL
Sensitivity	10.3 pg/mL
Samples	serum, plasma and other biological fluids

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 Chicken PGE2 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chicken PGE2. 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 Chicken PGE2 in the samples is then determined by comparing the OD of the samples to the standard curve