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## Product Datasheet

### Chicken PGE2(Prostaglandin E2) ELISA Kit EBT-ELK10905

Artikelname	Chicken PGE2(Prostaglandin E2) ELISA Kit
Artikelnummer	EBT-ELK10905
Hersteller Artikelnummer	ELK10905
Alternativnummer	EBT-ELK10905-96, EBT-ELK10905-96X5, EBT-ELK10905-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Gallus
Konzentration	2000 pg/mL
Detektionsbereich	31.25-2000 pg/mL
Sensitivitaet	10.3 pg/mL
Proben	serum, plasma and other biological fluids

Anwendungsbeschreibung

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Metabolic pathway, Infection immunity, Endocrinology, Hormone metabolism, . 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. 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