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Product Datasheet

PGE2(Prostaglandin E2) ELISA Kit EBT-ELK10850

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| Article Name | PGE2(Prostaglandin E2) ELISA Kit |
| Biozol Catalog Number | EBT-ELK10850 |
| Supplier Catalog Number | ELK10850 |
| Alternative Catalog Number | EBT-ELK10850-96, EBT-ELK10850-96X5, EBT-ELK10850-48 |
| Manufacturer | ELK Biotechnology |
| Category | Kits/Assays |
| Species Reactivity | All |
| Concentration | 2000 pg/mL |
| Range | 31.25-2000 pg/mL |
| Sensitivity | 10.2 pg/mL |
| Samples | serum, plasma and other biological fluids |

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| Application Notes | <p>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 PGE2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 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 PGE2 in the samples is then determined by comparing the OD of the samples to the standard curve</p> |
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