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Product Datasheet

Goat E2(Estradiol) ELISA Kit EBT-ELK10122

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| Article Name | Goat E2(Estradiol) ELISA Kit |
| Biozol Catalog Number | EBT-ELK10122 |
| Supplier Catalog Number | ELK10122 |
| Alternative Catalog Number | EBT-ELK10122-96, EBT-ELK10122-48, EBT-ELK10122-96X5 |
| Manufacturer | ELK Biotechnology |
| Category | Kits/Assays |
| Species Reactivity | Goat |
| Concentration | 3000 pg/mL |
| Range | 46.88-3000 pg/mL |
| Sensitivity | 14.45 pg/mL |
| Samples | serum, plasma, cell lysates, cell culture supernates and other biological fluids |

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Endocrinology, Reproductive science, 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 Goat E2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Goat E2. 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 Goat E2 in the samples is then determined by comparing the OD of the samples to the standard curve