

Product Datasheet

Cattle E2(Estradiol) ELISA Kit (orb1946428)

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| Description | Cattle E2(Estradiol) ELISA Kit |
| Reactivity | Bovine |
| Range | 15.63-1000 pg/mL |
| Target | E2 |
| Note | For research use only |
| Application notes | This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Estradiol(E2) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Estradiol(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 Estradiol(E2) in the samples is then determined by comparing the OD of the samples to the standard curve. |
| Sample Types | serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids |
| Sensitivity | 4.45 pg/mL |
| Expiration Date | Please enquire. |

