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## Product Datasheet

### EasyStep Mouse E2(Estradiol) ELISA Kit EBT-ELK021ES

Article Name	EasyStep Mouse E2(Estradiol) ELISA Kit
Biozol Catalog Number	EBT-ELK021ES
Supplier Catalog Number	ELK021ES
Alternative Catalog Number	EBT-ELK021ES-96, EBT-ELK021ES-48, EBT-ELK021ES-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	1600 pg/mL
Range	25-1600 pg/mL
Sensitivity	25 pg/mL
Samples	Serum

Application Notes

Assay Type: Competitive Inhibition. Assay length: 1.5h. 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 Mouse E2 antigen, and the Mouse E2 standard plate wells that pre-coated using protein-related techniques are provided separately. Standard/Sample Diluent Buffer or samples are added to the appropriate microtiter plate wells ,then added a HRP-conjugated antibody specific to Mouse E2 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 Mouse E2 in the samples is then determined by comparing the OD of the samples to the standard curve