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## Product Datasheet

### Rat Estrogen ELISA Kit EBT-ELK10890

Article Name	Rat Estrogen ELISA Kit
Biozol Catalog Number	EBT-ELK10890
Supplier Catalog Number	ELK10890
Alternative Catalog Number	EBT-ELK10890-96, EBT-ELK10890-96X5, EBT-ELK10890-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	1000 pg/mL
Range	15.625-1000 pg/mL
Sensitivity	4.01 pg/mL
Samples	Serum, plasma, other biological fluids

Application Notes	<p>Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Reproductive science,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Rat Estrogen. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat Estrogen. 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 Rat Estrogen in the samples is then determined by comparing the OD of the samples to the standard curve</p>
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