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## Product Datasheet

### Sheep Estrogen ELISA Kit EBT-ELK9899

Article Name	Sheep Estrogen ELISA Kit
Biozol Catalog Number	EBT-ELK9899
Supplier Catalog Number	ELK9899
Alternative Catalog Number	EBT-ELK9899-96, EBT-ELK9899-48, EBT-ELK9899-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Sheep
Concentration	1000 pg/mL
Range	15.625-1000 pg/mL
Sensitivity	4.29 pg/mL
Samples	Serum, plasma, saliva and 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 Sheep Estrogen. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Sheep 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 Sheep Estrogen in the samples is then determined by comparing the OD of the samples to the standard curve</p>
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