

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Sheep E2(Estradiol) ELISA Kit EBT-ELK10944

Article Name	Sheep E2(Estradiol) ELISA Kit
Biozol Catalog Number	EBT-ELK10944
Supplier Catalog Number	ELK10944
Alternative Catalog Number	EBT-ELK10944-96, EBT-ELK10944-96X5, EBT-ELK10944-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Sheep
Concentration	3000 pg/mL
Range	46.88-3000 pg/mL
Sensitivity	13.69 pg/mL
Samples	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes	<p>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 Sheep E2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Sheep 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 Sheep E2 in the samples is then determined by comparing the OD of the samples to the standard curve</p>
-------------------	--