

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

Product Datasheet

Pig Estrogen ELISA Kit EBT-ELK10160

Article Name	Pig Estrogen ELISA Kit
Biozol Catalog Number	EBT-ELK10160
Supplier Catalog Number	ELK10160
Alternative Catalog Number	EBT-ELK10160-96, EBT-ELK10160-48, EBT-ELK10160-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Porcine
Concentration	1000 pg/mL
Range	15.625-1000 pg/mL
Sensitivity	4.18 pg/mL
Samples	Serum, plasma, other biological fluids

Application Notes

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 Pig Estrogen. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig 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 Pig Estrogen in the samples is then determined by comparing the OD of the samples to the standard curve