

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

Product Datasheet

Cattle GnRH(Gonadotropin Releasing Hormone) ELISA Kit EBT-ELK0603

Article Name	Cattle GnRH(Gonadotropin Releasing Hormone) ELISA Kit
Biozol Catalog Number	EBT-ELK0603
Supplier Catalog Number	ELK0603
Alternative Catalog Number	EBT-ELK0603-96, EBT-ELK0603-48, EBT-ELK0603-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Bovine
Concentration	4000 pg/mL
Range	62.50-4000 pg/mL
Sensitivity	23.4 pg/mL
Samples	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2.5h. Research Area: Endocrinology, Reproductive science, Neuro science, Genetic 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 Cattle GnRH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle GnRH. 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 Cattle GnRH in the samples is then determined by comparing the OD of the samples to the standard curve