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Product Datasheet

Dog Testo(Testosterone) ELISA Kit EBT-ELK10151

Article Name	Dog Testo(Testosterone) ELISA Kit
Biozol Catalog Number	EBT-ELK10151
Supplier Catalog Number	ELK10151
Alternative Catalog Number	EBT-ELK10151-96, EBT-ELK10151-48, EBT-ELK10151-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Canine
Concentration	100 ng/mL
Range	1.56-100 ng/mL
Sensitivity	0.63 ng/mL
Samples	serum, plasma, other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2.5h. 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 Dog Testosterone. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog Testosterone. 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 Dog Testosterone in the samples is then determined by comparing the OD of the samples to the standard curve