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Product Datasheet

F-E3(Free Estriol) ELISA Kit EBT-ELK9646

Article Name	F-E3(Free Estriol) ELISA Kit
Biozol Catalog Number	EBT-ELK9646
Supplier Catalog Number	ELK9646
Alternative Catalog Number	EBT-ELK9646-96, EBT-ELK9646-48, EBT-ELK9646-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	All
Concentration	40 ng/mL
Range	0.63-40 ng/mL
Sensitivity	0.225 ng/mL
Samples	Serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes

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 F-E3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to F-E3. 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 F-E3 in the samples is then determined by comparing the OD of the samples to the standard curve