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## Product Datasheet

### Human LHb(Luteinizing Hormone Beta Polypeptide) ELISA Kit EBT-ELK5381

Article Name	Human LHb(Luteinizing Hormone Beta Polypeptide) ELISA Kit
Biozol Catalog Number	EBT-ELK5381
Supplier Catalog Number	ELK5381
Alternative Catalog Number	EBT-ELK5381-96, EBT-ELK5381-48, EBT-ELK5381-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	20000 pg/mL
Range	312.5-20000 pg/mL
Sensitivity	88.5 pg/mL
Samples	Serum, plasma, cell lysates, cell culture supernates and 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 Human LHb. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human LHb. 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 Human LHb in the samples is then determined by comparing the OD of the samples to the standard curve