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## Product Datasheet

### Pig betaEP(Beta-Endorphin) ELISA Kit EBT-ELK0332

Article Name	Pig betaEP(Beta-Endorphin) ELISA Kit
Biozol Catalog Number	EBT-ELK0332
Supplier Catalog Number	ELK0332
Alternative Catalog Number	EBT-ELK0332-96, EBT-ELK0332-48, EBT-ELK0332-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Porcine
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	4.95 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: Signal transduction, Endocrinology, Neuro 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 Pig betaEP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig betaEP. 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 betaEP in the samples is then determined by comparing the OD of the samples to the standard curve