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## Product Datasheet

### Human aEP(Alpha-Endorphin) ELISA Kit EBT-ELK2087

Article Name	Human aEP(Alpha-Endorphin) ELISA Kit
Biozol Catalog Number	EBT-ELK2087
Supplier Catalog Number	ELK2087
Alternative Catalog Number	EBT-ELK2087-96, EBT-ELK2087-48, EBT-ELK2087-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	4.51 pg/mL
Samples	Serum, plasma, cell culture supernates and other biological fluid

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. 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 Human aEP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human aEP. 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 aEP in the samples is then determined by comparing the OD of the samples to the standard curve