

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Human gEP(Gamma-Endorphin) ELISA Kit EBT-ELK5553

Article Name	Human gEP(Gamma-Endorphin) ELISA Kit
Biozol Catalog Number	EBT-ELK5553
Supplier Catalog Number	ELK5553
Alternative Catalog Number	EBT-ELK5553-96, EBT-ELK5553-48, EBT-ELK5553-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.056 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: 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 gEP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human gEP. 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 gEP in the samples is then determined by comparing the OD of the samples to the standard curve