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## Product Datasheet

### Human POMC(Proopiomelanocortin) ELISA Kit EBT-ELK1875

Article Name	Human POMC(Proopiomelanocortin) ELISA Kit
Biozol Catalog Number	EBT-ELK1875
Supplier Catalog Number	ELK1875
Alternative Catalog Number	EBT-ELK1875-96, EBT-ELK1875-48, EBT-ELK1875-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	10000 pg/mL
Range	156.25-10000 pg/mL
Sensitivity	44 pg/mL
UniProt	<a href="#">P01189</a>
Samples	Serum, plasma and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Endocrinology,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human POMC. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human POMC. 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 POMC in the samples is then determined by comparing the OD of the samples to the standard curve