

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

## Product Datasheet

### Human AP17(Apelin 17) ELISA Kit EBT-ELK10580

Article Name	Human AP17(Apelin 17) ELISA Kit
Biozol Catalog Number	EBT-ELK10580
Supplier Catalog Number	ELK10580
Alternative Catalog Number	EBT-ELK10580-96, EBT-ELK10580-48, EBT-ELK10580-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	100 ng/mL
Range	1.56-100 ng/mL
Sensitivity	0.69 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: Central nervous system ,cardiovascular system. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human AP17. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human AP17. 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 AP17 in the samples is then determined by comparing the OD of the samples to the standard curve