

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

Product Datasheet

Human AP12(Apelin 12) ELISA Kit EBT-ELK1635

Article Name	Human AP12(Apelin 12) ELISA Kit
Biozol Catalog Number	EBT-ELK1635
Supplier Catalog Number	ELK1635
Alternative Catalog Number	EBT-ELK1635-96, EBT-ELK1635-48, EBT-ELK1635-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	6000 pg/mL
Range	93.75-6000 pg/mL
Sensitivity	25.28 pg/mL
Samples	Serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Metabolic pathway,Endocrinology,Cardiovascular biology,Gastroenterology,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 AP12. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human AP12. 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 AP12 in the samples is then determined by comparing the OD of the samples to the standard curve