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Product Datasheet

Rat AP13(Apelin 13) ELISA Kit EBT-ELK10782

Article Name	Rat AP13(Apelin 13) ELISA Kit
Biozol Catalog Number	EBT-ELK10782
Supplier Catalog Number	ELK10782
Alternative Catalog Number	EBT-ELK10782-96, EBT-ELK10782-96X5, EBT-ELK10782-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	50 ng/mL
Range	0.78-50 ng/mL
Sensitivity	0.23 ng/mL
Samples	Serum, plasma and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Metabolic pathway, Endocrinology, Cardiovascular biology, Neuroscience, Gastroenterology, . Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Rat AP13. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat AP13. 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 Rat AP13 in the samples is then determined by comparing the OD of the samples to the standard curve