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Product Datasheet

Biotin ELISA Kit EBT-ELK10918

Article Name	Biotin ELISA Kit
Biozol Catalog Number	EBT-ELK10918
Supplier Catalog Number	ELK10918
Alternative Catalog Number	EBT-ELK10918-96, EBT-ELK10918-96X5, EBT-ELK10918-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	All
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	4.7 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: Enzyme & Kinase,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Biotin. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Biotin. 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 Biotin in the samples is then determined by comparing the OD of the samples to the standard curve