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Product Datasheet

TCPa(Alpha-Tocopherol) ELISA Kit EBT-ELK7865

Article Name	TCPa(Alpha-Tocopherol) ELISA Kit
Biozol Catalog Number	EBT-ELK7865
Supplier Catalog Number	ELK7865
Alternative Catalog Number	EBT-ELK7865-96,EBT-ELK7865-48,EBT-ELK7865-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	All
Concentration	100 µg/mL
Range	1.57-100 µg/mL
Sensitivity	0.45 µg/mL
Samples	Serum, plasma and other biological fluids

Application Notes

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