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Product Datasheet

VD(Vitamin D) ELISA Kit EBT-ELK7984

Article Name	VD(Vitamin D) ELISA Kit
Biozol Catalog Number	EBT-ELK7984
Supplier Catalog Number	ELK7984
Alternative Catalog Number	EBT-ELK7984-96,EBT-ELK7984-48,EBT-ELK7984-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	All
Concentration	400 ng/mL
Range	6.25-400 ng/mL
Sensitivity	2.18 ng/mL
Samples	Serum, plasma and other biological fluids

Application Notes

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