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Product Datasheet

VD3(Vitamin D3) ELISA Kit

EBT-ELK8102

Article Name	VD3(Vitamin D3) ELISA Kit
Biozol Catalog Number	EBT-ELK8102
Supplier Catalog Number	ELK8102
Alternative Catalog Number	EBT-ELK8102-96,EBT-ELK8102-48,EBT-ELK8102-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	All
Concentration	400 ng/mL
Range	6.25-400 ng/mL
Sensitivity	2.12 ng/mL
Samples	serum, plasma and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Metabolic pathway, Reproductive science, Nutrition metabolism, Bone metabolism,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with VD3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to VD3. 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 VD3 in the samples is then determined by comparing the OD of the samples to the standard curve