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Product Datasheet

Human 25-OH-D(25 Hydroxy Vitamin D) ELISA Kit EBT-ELK0694

Article Name	Human 25-OH-D(25 Hydroxy Vitamin D) ELISA Kit
Biozol Catalog Number	EBT-ELK0694
Supplier Catalog Number	ELK0694
Alternative Catalog Number	EBT-ELK0694-96, EBT-ELK0694-48, EBT-ELK0694-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	200 ng/mL
Range	3.13-200 ng/mL
Sensitivity	1.45 ng/mL
Samples	serum, plasma and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2.5h. Research Area: Reproductive science, Genetic 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 Human 25-OH-D. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 25-OH-D. 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 Human 25-OH-D in the samples is then determined by comparing the OD of the samples to the standard curve