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Product Datasheet

Human DBP(Vitamin D Binding Protein) ELISA Kit EBT-ELK10377

Article Name	Human DBP(Vitamin D Binding Protein) ELISA Kit
Biozol Catalog Number	EBT-ELK10377
Supplier Catalog Number	ELK10377
Alternative Catalog Number	EBT-ELK10377-96, EBT-ELK10377-48, EBT-ELK10377-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	100 µg/mL
Range	1.57-100 µg/mL
Sensitivity	0.68 µg/mL
UniProt	P02774
Samples	serum, plasma and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, Tumor immunity,. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human DBP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human DBP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human DBP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 DBP in the samples is then determined by comparing the OD of the samples to the standard curve