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## Product Datasheet

### EasyStep Human 25-OH-D(25 Hydroxy Vitamin D) ELISA Kit EBT-ELK051ES

Article Name	EasyStep Human 25-OH-D(25 Hydroxy Vitamin D) ELISA Kit
Biozol Catalog Number	EBT-ELK051ES
Supplier Catalog Number	ELK051ES
Alternative Catalog Number	EBT-ELK051ES-96, EBT-ELK051ES-48, EBT-ELK051ES-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	5000 ng/mL
Range	78.13-5000 ng/mL
Sensitivity	7.7 ng/mL
Samples	Serum, plasma

Application Notes

Assay Type: Competitive Inhibition. Assay length: 1.5h. 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 antigen, and the Human 25-OH-D standard plate wells that pre-coated using protein-related techniques are provided separately. Standard/Sample Diluent Buffer or samples are added to the appropriate microtiter plate wells ,then added a HRP-conjugated antibody specific to Human 25-OH-D 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