

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### General Vitamin D3 (VD3) ELISA Kit BYT-ORB1806548

Article Name	General Vitamin D3 (VD3) ELISA Kit
Biozol Catalog Number	BYT-ORB1806548
Supplier Catalog Number	orb1806548
Alternative Catalog Number	BYT-ORB1806548-48,BYT-ORB1806548-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	All
Product Description	General Vitamin D3 (VD3) ELISA Kit...
Range	6.25-400ng/mL
Sensitivity	2.14 ng/mL
Samples	serum, plasma and other biological fluids
Target	VD3

Application Notes

Application Notes: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Vitamin D3(VD3) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Vitamin D3(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 Vitamin D3(VD3) in the samples is then determined by comparing the OD of the samples to the standard curve