

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

Product Datasheet

General 1, 25-Dihydroxyvitamin D3 (DHVD3) ELISA Kit BYT-ORB1806547

Article Name	General 1, 25-Dihydroxyvitamin D3 (DHVD3) ELISA Kit
Biozol Catalog Number	BYT-ORB1806547
Supplier Catalog Number	orb1806547
Alternative Catalog Number	BYT-ORB1806547-48,BYT-ORB1806547-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	All
Product Description	General 1, 25-Dihydroxyvitamin D3 (DHVD3) ELISA Kit...
Range	156.25-10000pg/mL
Sensitivity	49.5 pg/mL
Samples	serum, plasma and other biological fluids
Target	DHVD3

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 1,25-Dihydroxyvitamin D3(DHVD3) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 1,25-Dihydroxyvitamin D3(DHVD3). 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 1,25-Dihydroxyvitamin D3(DHVD3) in the samples is then determined by comparing the OD of the samples to the standard curve