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## Product Datasheet

### General Vitamin B1 (VB1) ELISA Kit BYT-ORB1946689

Article Name	General Vitamin B1 (VB1) ELISA Kit
Biozol Catalog Number	BYT-ORB1946689
Supplier Catalog Number	orb1946689
Alternative Catalog Number	BYT-ORB1946689-48,BYT-ORB1946689-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	All
Product Description	General Vitamin B1 (VB1) ELISA Kit...
Range	4.69-300ng/mL
Sensitivity	1.63 ng/mL
Samples	serum, plasma and other biological fluids
Target	VB1

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 B1(VB1) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Vitamin B1(VB1). 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 B1(VB1) in the samples is then determined by comparing the OD of the samples to the standard curve