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Product Datasheet

General Vitamin D3 (VD3) ELISA Kit BYT-ORB781939

Artikelname	General Vitamin D3 (VD3) ELISA Kit
Artikelnummer	BYT-ORB781939
Hersteller Artikelnummer	orb781939
Alternativnummer	BYT-ORB781939-48, BYT-ORB781939-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	All
Produktbeschreibung	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...
Konzentration	400 ng/mL
Detektionsbereich	6.25-400 ng/mL
Sensitivitaet	2.12 ng/mL
Proben	serum, plasma and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 400 ng/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with VD3 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 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 VD3 in the samples is then determined by comparing the OD of the samples to the standard curve