

Product Datasheet

HVD3(25-Hydroxyvitamin D3) ELISA Kit (orb1806532)

Description	HVD3(25-Hydroxyvitamin D3) ELISA Kit
Reactivity	All
Range	3.13-200 ng/mL
Target	HVD3
Note	For research use only
Application notes	<p>This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with 25-Hydroxyvitamin D3(HVD3) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 25-Hydroxyvitamin D3(HVD3). 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 25-Hydroxyvitamin D3(HVD3) in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Sample Types	serum, plasma and other biological fluids
Sensitivity	0.91 ng/mL
Expiration Date	Please enquire.

