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Product Datasheet

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

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| 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