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Product Datasheet

General 1, 25-Dihydroxyvitamin D3 (DHVD3) ELISA Kit BYT-ORB781928

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| Article Name | General 1, 25-Dihydroxyvitamin D3 (DHVD3) ELISA Kit |
| Biozol Catalog Number | BYT-ORB781928 |
| Supplier Catalog Number | orb781928 |
| Alternative Catalog Number | BYT-ORB781928-48, BYT-ORB781928-96 |
| Manufacturer | Biorbyt |
| Category | Kits/Assays |
| Application | ELISA |
| Species Reactivity | All |
| Product Description | 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... |
| Concentration | 10000 pg/mL |
| Range | 156.25-10000 pg/mL |
| Sensitivity | 48.8 pg/mL |
| Samples | serum, plasma and other biological fluids |

Application Notes

Application Notes: standard: 10000 pg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with DHVD3 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 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 DHVD3 in the samples is then determined by comparing the OD of the samples to the standard curve