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Product Datasheet

General Estriol (E3) ELISA Kit BYT-ORB1806522

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| Article Name | General Estriol (E3) ELISA Kit |
| Biozol Catalog Number | BYT-ORB1806522 |
| Supplier Catalog Number | orb1806522 |
| Alternative Catalog Number | BYT-ORB1806522-48,BYT-ORB1806522-96 |
| Manufacturer | Biorbyt |
| Category | Kits/Assays |
| Species Reactivity | All |
| Product Description | General Estriol (E3) ELISA Kit... |
| Range | 1.57-100ng/mL |
| Sensitivity | 0.48 ng/mL |
| Samples | Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids |
| Target | E3 |

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 Estriol(E3) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Estriol(E3). 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 Estriol(E3) in the samples is then determined by comparing the OD of the samples to the standard curve