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Product Datasheet

General Estradiol (E2) ELISA Kit BYT-ORB1946763

Article Name	General Estradiol (E2) ELISA Kit
Biozol Catalog Number	BYT-ORB1946763
Supplier Catalog Number	orb1946763
Alternative Catalog Number	BYT-ORB1946763-48,BYT-ORB1946763-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	All
Product Description	General Estradiol (E2) ELISA Kit...
Range	12.5-800pg/mL
Sensitivity	7.5 pg/mL
Samples	Serum, Plasma, Other biological fluids,Sample volume: 50µL
Target	E2

Application Notes

Application Notes: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with E2. During the reaction, E2 in the sample or standard competes with a fixed amount of E2 on the solid phase supporter for sites on the Biotinylated Detection Ab specific to E2. Excess conjugate and unbound sample or standard are washed away, and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns from blue to yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm \pm 2 nm. The concentration of E2 in tested samples can be calculated by comparing the OD of the samples to the standard curve