

Product Datasheet

General 17-Hydroxyprogesterone (17-OHP) ELISA Kit (orb1806521)

Catalog Number	orb1806521
Category	Assays and Kits
Description	General 17-Hydroxyprogesterone (17-OHP) ELISA Kit
Target	17-OHP
Reactivity	All
Application notes	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with 17-Hydroxyprogesterone(17-OHP) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 17-Hydroxyprogesterone(17-OHP). 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 $\pm$ 10nm. The concentration of 17-Hydroxyprogesterone(17-OHP) in the samples is then determined by comparing the OD of the samples to the standard curve.
Assay Type	Competitive
Assay Time	1.5H
Standard	20000pg/mL
Range	312.5-20000pg/mL
Sensitivity	87.3 pg/mL
Sample Types	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

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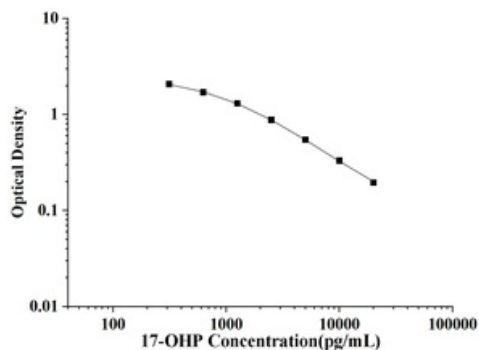
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Note

For research use only



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