

Product Datasheet

Cattle 17-Hydroxyprogesterone (17-OHP) ELISA Kit (orb782480)

Catalog Number	orb782480
Category	Assays and Kits
Description	Cattle 17-Hydroxyprogesterone (17-OHP) ELISA Kit
Target	17-OHP
Reactivity	Bovine
Concentration	20000 pg/mL
Tested applications	ELISA
Application notes	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Cattle 17-OHP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle 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 $450\text{nm} \pm 10\text{nm}$. The concentration of Cattle 17-OHP in the samples is then determined by comparing the OD of the samples to the standard curve.
Assay Type	Competitive
Assay Time	2h
Standard	20000 pg/mL
Range	312.5-20000 pg/mL

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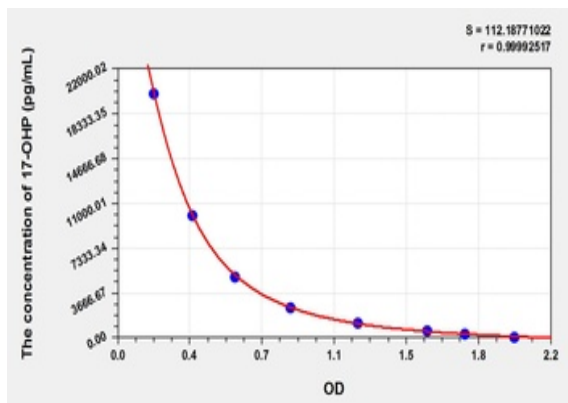
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Sensitivity	88.5 pg/mL
Sample Types	serum, plasma, cell lysates, cell culture supernates and other biological fluids
Note	For research use only
Expiration Date	Please enquire.



Standard curve for orb782480 ELISA kit.

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