

Bovine 17-OHP (17-Hydroxyprogesterone) ELISA kit

This kit applies competitive inhibition ELISA method for the quantitative detection of 17-OHP (17-Hydroxyprogesterone) in bovine samples. The microtiter plate provided in this kit has been pre-coated with Cattle 17-OHP protein. 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 450nm \pm 10nm. The concentration of Cattle 17-OHP in the samples is then determined by comparing the OD of the samples to the standard curve.

Catalog No.	3128686
Size	96-Wells
Product Category	ELISA (Quantitative)
Reactivity	Bovine
Sample	Serum; Plasma; Tissue Homogenates; Cell Lysates; Cell Culture Supernates; Other Biological Fluids
Assay Method	Competitive Inhibition ELISA
Assay Duration	2 hours
Sensitivity	87.3 pg/mL
Standard Curve Range	312.5-20000 pg/mL
Storage/Stability	-20°C/1 year; 4°C/6 months