

## Product Datasheet

### Cattle PG(Progesterone) ELISA Kit (orb1736478)

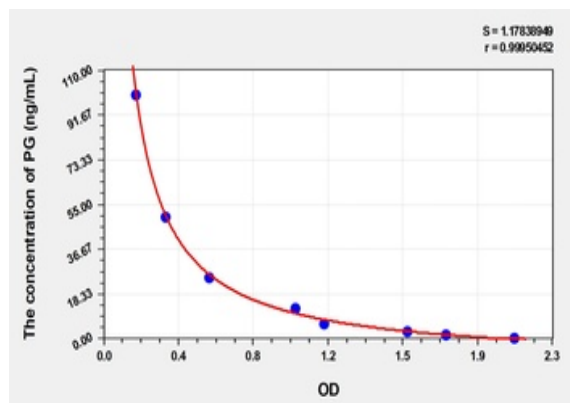
<b>Description</b>	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Cattle PG protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle PG. 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 PG in the samples is then determined by comparing the OD of the samples to the standard curve.
<b>Reactivity</b>	Bovine
<b>Range</b>	1.57-100 ng/mL
<b>Concentration</b>	100 ng/mL
<b>Note</b>	For research use only
<b>Application notes</b>	standard: 100 ng/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Cattle PG protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle PG. 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 PG in the samples is then determined by comparing the OD of the samples to the standard curve
<b>Sample Types</b>	serum, plasma and other biological fluids
<b>Sensitivity</b>	0.48 ng/mL
<b>Expiration Date</b>	Please enquire.

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