

## Product Datasheet

### Cattle PG(Progesterone) ELISA Kit (orb1946429)

<b>Description</b>	Cattle PG(Progesterone) ELISA Kit
<b>Reactivity</b>	Bovine
<b>Range</b>	1.57-100 ng/mL
<b>Target</b>	PG
<b>Note</b>	For research use only
<b>Application notes</b>	<p>This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Progesterone(PG) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Progesterone(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 ± 10nm. The concentration of Progesterone(PG) in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
<b>Sample Types</b>	serum, plasma and other biological fluids
<b>Sensitivity</b>	0.47 ng/mL
<b>Expiration Date</b>	Please enquire.

