

Product Datasheet

Horse Progesterone (PG) ELISA Kit (orb782343)

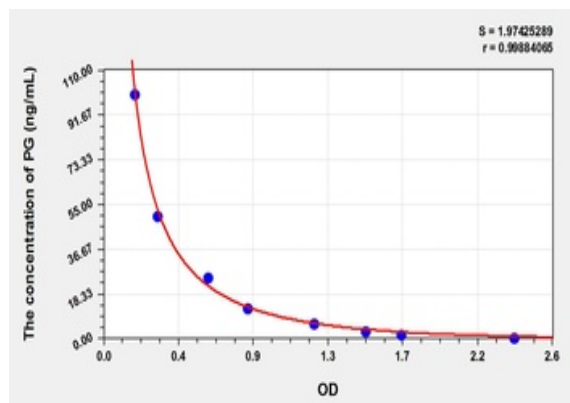
Catalog Number	orb782343
Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Progesterone(PG) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Progesterone(PG).
Reactivity	Equine
Range	1.57-100 ng/mL
Tested Applications	ELISA
Concentration	100 ng/mL
Note	For research use only
Application notes	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 Horse PG protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Horse 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 Horse PG in the samples is then determined by comparing the OD of the samples to the standard curve
Sample Types	serum, plasma and other biological fluids
Assay Time	2.5h
Sensitivity	0.44 ng/mL
Expiration Date	Please enquire.

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