

Product Datasheet

Pig Gonadotropin Releasing Hormone (GnRH) ELISA Kit (orb1146939)

Catalog Number	orb1146939
Category	Assays and Kits
Description	<p>This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Pig GnRH protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig GnRH. 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 Pig GnRH in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Reactivity	Porcine
Concentration	1000 pg/mL
UniProt ID	P49921
Application notes	<p>standard: 1000 pg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Pig GnRH protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig GnRH. 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 Pig GnRH in the samples is then determined by comparing the OD of the samples to the standard curve</p>
Assay Type	Competitive

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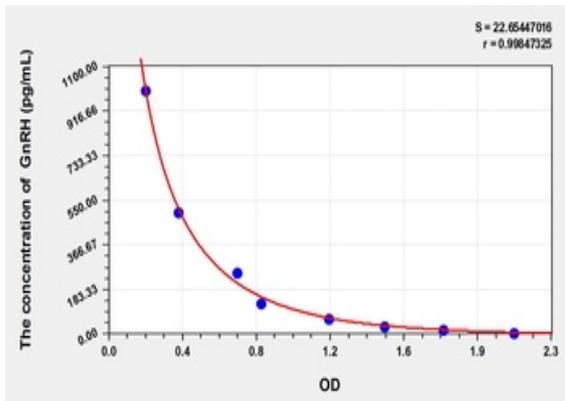
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Assay Time	2h
Range	15.63-1000 pg/mL
Sensitivity	5.2 pg/mL
Sample Types	serum, plasma, cell lysates, cell culture supernates and other biological fluids
Note	For research use only

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