

Product Datasheet

Pig Luteinizing Hormone (LH) ELISA Kit (orb1736498)

Catalog Number	orb1736498
Category	Assays and Kits
Description	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Pig LH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig LH. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Pig LH, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 Pig LH in the samples is then determined by comparing the OD of the samples to the standard curve.
Reactivity	Porcine
Concentration	100 mIU/mL
Application notes	standard: 100 mIU/mL. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Pig LH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig LH. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Pig LH, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 Pig LH in the samples is then determined by comparing the OD of the samples to the standard curve

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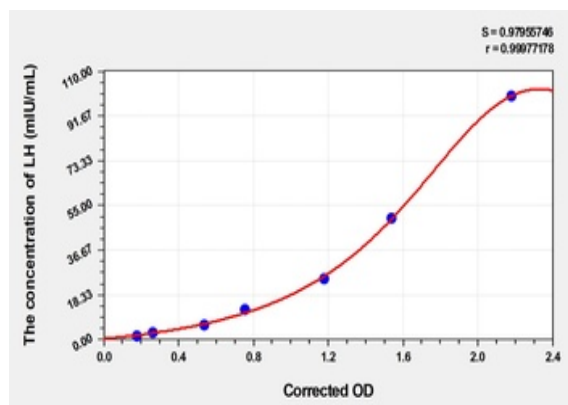
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Assay Type	Sandwich
Assay Time	3.5h
Range	1.57-100 mIU/mL
Sensitivity	0.58 mIU/mL
Sample Types	Serum, plasma and other biological fluids
Note	For research use only
Expiration Date	6 months from date of receipt.



Standard curve for orb1736498 ELISA kit.

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