

Product Datasheet

Simian Luteinizing Hormone (LH) ELISA Kit (orb781900)

Catalog Number	orb781900
Category	Assays and Kits
Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Luteinizing Hormone(LH) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Luteinizing Hormone(LH).
Reactivity	Primate
Concentration	100 mIU/mL
Tested applications	ELISA
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 Simian LH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian 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 Simian 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 Simian LH in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Sandwich
Assay Time	3.5h

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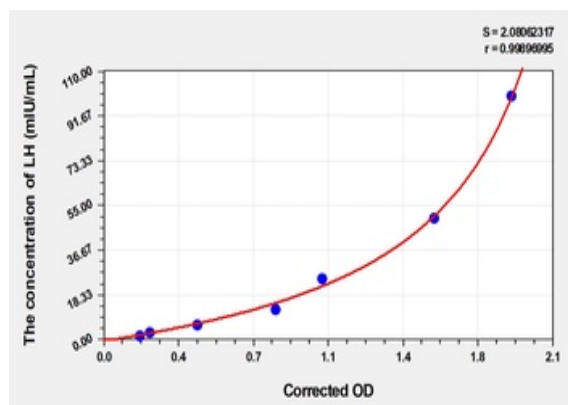
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Range	468.75-30000 pg/mL
Sensitivity	172.5 pg/mL
Sample Types	Serum, plasma and other biological fluids.
Note	For research use only
Expiration Date	Please enquire.



Standard curve for orb781900 ELISA kit.

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