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## Product Datasheet

### Simian Luteinizing Hormone (LH) ELISA Kit BYT-ORB781900

Article Name	Simian Luteinizing Hormone (LH) ELISA Kit
Biozol Catalog Number	BYT-ORB781900
Supplier Catalog Number	orb781900
Alternative Catalog Number	BYT-ORB781900-48, BYT-ORB781900-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Primate
Product 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 t...
Concentration	100 mIU/mL
Range	468.75-30000 pg/mL
Sensitivity	172.5 pg/mL
Samples	Serum, plasma and other biological fluids.

Application Notes

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 10nm. The concentration of Simian LH in the samples is then determined by comparing the OD of the samples to the standard curve