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Product Datasheet

Rat Luteinizing Hormone-Releasing Hormone (LHRH) ELISA Kit BYT-ORB1946810

Article Name	Rat Luteinizing Hormone-Releasing Hormone (LHRH) ELISA Kit
Biozol Catalog Number	BYT-ORB1946810
Supplier Catalog Number	orb1946810
Alternative Catalog Number	BYT-ORB1946810-48,BYT-ORB1946810-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat Luteinizing Hormone-Releasing Hormone (LHRH) ELISA Kit...
Range	3.13-200mIU/mL
Sensitivity	1.88 mIU/mL
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	LHRH

Application Notes

Application Notes: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Rat LHRH. During the reaction, Rat LHRH in the sample or standard competes with a fixed amount of Rat LHRH on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat LHRH. Excess conjugate and unbound sample or standard are washed away, and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns from blue to yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm \pm 2 nm. The concentration of Rat LHRH in tested samples can be calculated by comparing the OD of the samples to the standard curve