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Product Datasheet

Rat Luteinizing Hormone (LH) ELISA Kit BYT-ORB776231

Artikelname	Rat Luteinizing Hormone (LH) ELISA Kit
Artikelnummer	BYT-ORB776231
Hersteller Artikelnummer	orb776231
Alternativnummer	BYT-ORB776231-48, BYT-ORB776231-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Rat
Produktbeschreibung	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...
Konzentration	30 mIU/mL
Detektionsbereich	125-8000 pg/mL
Sensitivitaet	37.59 pg/mL
Pubmed	40058574
Proben	serum, plasma and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 30 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 Rat LH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 Rat LH in the samples is then determined by comparing the OD of the samples to the standard curve