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Product Datasheet

Rat FSH(Follicle Stimulating Hormone) ELISA Kit EBT-ELK1315

Article Name	Rat FSH(Follicle Stimulating Hormone) ELISA Kit
Biozol Catalog Number	EBT-ELK1315
Supplier Catalog Number	ELK1315
Alternative Catalog Number	EBT-ELK1315-96, EBT-ELK1315-48, EBT-ELK1315-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	100 mIU/mL
Range	1.57-100 mIU/mL
Sensitivity	0.72 mIU/mL
Samples	serum, plasma and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Endocrinology, Reproductive science, Genetic science, Hormone metabolism, . 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 FSH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat FSH. 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 FSH, 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 FSH in the samples is then determined by comparing the OD of the samples to the standard curve