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Product Datasheet

Simian PRL(Prolactin) ELISA Kit EBT-ELK10048

Article Name	Simian PRL(Prolactin) ELISA Kit
Biozol Catalog Number	EBT-ELK10048
Supplier Catalog Number	ELK10048
Alternative Catalog Number	EBT-ELK10048-96, EBT-ELK10048-48, EBT-ELK10048-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Primate
Concentration	40 ng/mL
Range	0.625-40 ng/mL
Sensitivity	0.376 ng/mL
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates 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 Simian PRL. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian PRL. 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 PRL, 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 PRL in the samples is then determined by comparing the OD of the samples to the standard curve