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Product Datasheet

Human PRL(Prolactin) ELISA Kit EBT-ELK1224

Artikelname	Human PRL(Prolactin) ELISA Kit
Artikelnummer	EBT-ELK1224
Hersteller Artikelnummer	ELK1224
Alternativnummer	EBT-ELK1224-96, EBT-ELK1224-96X5, EBT-ELK1224-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	100 ng/mL
Detektionsbereich	1.57-100 ng/mL
Sensitivitaet	0.65 ng/mL
UniProt	P01236
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

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 Human PRL. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human 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 Human PRL in the samples is then determined by comparing the OD of the samples to the standard curve