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## Product Datasheet

### Sheep ACTH(Adrenocorticotropic Hormone) ELISA Kit EBT-ELK0224

Artikelname	Sheep ACTH(Adrenocorticotropic Hormone) ELISA Kit
Artikelnummer	EBT-ELK0224
Hersteller Artikelnummer	ELK0224
Alternativnummer	EBT-ELK0224-96, EBT-ELK0224-48, EBT-ELK0224-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Sheep
Konzentration	400 pg/mL
Detektionsbereich	6.25-400 pg/mL
Sensitivitaet	1.84 pg/mL
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, Hormone metabolism, Urology,. 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 Sheep ACTH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Sheep ACTH. 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 Sheep ACTH, 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 Sheep ACTH in the samples is then determined by comparing the OD of the samples to the standard curve