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Product Datasheet

Cattle CBG(Corticosteroid Binding Globulin) ELISA Kit EBT-ELK10018

Artikelname	Cattle CBG(Corticosteroid Binding Globulin) ELISA Kit
Artikelnummer	EBT-ELK10018
Hersteller Artikelnummer	ELK10018
Alternativnummer	EBT-ELK10018-96, EBT-ELK10018-96X5, EBT-ELK10018-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Bovine
Konzentration	1000 ng/mL
Detektionsbereich	15.63-1000 ng/mL
Sensitivitaet	7.2 ng/mL
UniProt	E1BF81
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,. 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 Cattle CBG. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle CBG. 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 Cattle CBG, 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 Cattle CBG in the samples is then determined by comparing the OD of the samples to the standard curve