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Product Datasheet

Cattle EPO(Erythropoietin) ELISA Kit EBT-ELK0284

Artikelname	Cattle EPO(Erythropoietin) ELISA Kit
Artikelnummer	EBT-ELK0284
Hersteller Artikelnummer	ELK0284
Alternativnummer	EBT-ELK0284-96, EBT-ELK0284-48, EBT-ELK0284-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Bovine
Konzentration	5000 pg/mL
Detektionsbereich	78.13-5000 pg/mL
Sensitivitaet	29 pg/mL
UniProt	P48617
Proben	serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Cytokine,Endocrinology,Hematology,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 Cattle EPO. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle EPO. 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 EPO, 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 EPO in the samples is then determined by comparing the OD of the samples to the standard curve