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## Product Datasheet

### **Cattle IL1RA(Interleukin 1 Receptor Antagonist) ELISA Kit EBT-ELK5902**

Artikelname	Cattle IL1RA(Interleukin 1 Receptor Antagonist) ELISA Kit
Artikelnummer	EBT-ELK5902
Hersteller Artikelnummer	ELK5902
Alternativnummer	EBT-ELK5902-96, EBT-ELK5902-48, EBT-ELK5902-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Bovine
Konzentration	2000 pg/mL
Detektionsbereich	31.25-2000 pg/mL
Sensitivitaet	11.6 pg/mL
UniProt	<a href="#">O77482</a>
Proben	serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Cytokine,Signal transduction,Infection immunity,. 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 IL1RA. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle IL1RA. 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 IL1RA, 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 IL1RA in the samples is then determined by comparing the OD of the samples to the standard curve