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Product Datasheet

Cattle AGC(Aggrecan) ELISA Kit EBT-ELK10149

Artikelname	Cattle AGC(Aggrecan) ELISA Kit
Artikelnummer	EBT-ELK10149
Hersteller Artikelnummer	ELK10149
Alternativnummer	EBT-ELK10149-96, EBT-ELK10149-48, EBT-ELK10149-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Bovine
Konzentration	20 µg/mL
Detektionsbereich	0.32-20 µg/mL
Sensitivitaet	0.121 µg/mL
Proben	Serum, plasma and other biological fluids

Anwendungsbeschreibung

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