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Product Datasheet

Cattle BMP7(Bone Morphogenetic Protein 7) ELISA Kit EBT-ELK10058

Artikelname	Cattle BMP7(Bone Morphogenetic Protein 7) ELISA Kit
Artikelnummer	EBT-ELK10058
Hersteller Artikelnummer	ELK10058
Alternativnummer	EBT-ELK10058-96, EBT-ELK10058-48, EBT-ELK10058-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Bovine
Konzentration	2000 pg/mL
Detektionsbereich	31.25-2000 pg/mL
Sensitivitaet	18.25 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: Metabolic pathway, Developmental science, 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 BMP7. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle BMP7. 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 BMP7, 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 BMP7 in the samples is then determined by comparing the OD of the samples to the standard curve