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Product Datasheet

Cattle PEDF(Pigment Epithelium Derived Factor) ELISA Kit EBT-ELK10858

Artikelname	Cattle PEDF(Pigment Epithelium Derived Factor) ELISA Kit
Artikelnummer	EBT-ELK10858
Hersteller Artikelnummer	ELK10858
Alternativnummer	EBT-ELK10858-96, EBT-ELK10858-96X5, EBT-ELK10858-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Bovine
Konzentration	10 µg/mL
Detektionsbereich	0.16-10 µg/mL
Sensitivitaet	0.052 µg/mL
UniProt	Q95121
Proben	Serum, plasma and other biological fluids.

Anwendungsbeschreibung

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