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## Product Datasheet

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

Article Name	Cattle PEDF(Pigment Epithelium Derived Factor) ELISA Kit
Biozol Catalog Number	EBT-ELK10858
Supplier Catalog Number	ELK10858
Alternative Catalog Number	EBT-ELK10858-96, EBT-ELK10858-96X5, EBT-ELK10858-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Bovine
Concentration	10 µg/mL
Range	0.16-10 µg/mL
Sensitivity	0.052 µg/mL
UniProt	<a href="#">Q95121</a>
Samples	Serum, plasma and other biological fluids.

## Application Notes

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