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Product Datasheet

Cattle RBP4(Retinol Binding Protein 4, Plasma) ELISA Kit EBT-ELK10723

Article Name	Cattle RBP4(Retinol Binding Protein 4, Plasma) ELISA Kit
Biozol Catalog Number	EBT-ELK10723
Supplier Catalog Number	ELK10723
Alternative Catalog Number	EBT-ELK10723-96, EBT-ELK10723-96X5, EBT-ELK10723-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Bovine
Concentration	50 µg/mL
Range	0.78-50 µg/mL
Sensitivity	0.35 µg/mL
UniProt	P18902
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, Endocrinology, Hormone 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 RBP4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle RBP4. 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 RBP4, 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 RBP4 in the samples is then determined by comparing the OD of the samples to the standard curve