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Product Datasheet

Cattle IGFBP3(Insulin Like Growth Factor Binding Protein 3) ELISA Kit EBT-ELK11156

Article Name	Cattle IGFBP3(Insulin Like Growth Factor Binding Protein 3) ELISA Kit
Biozol Catalog Number	EBT-ELK11156
Supplier Catalog Number	ELK11156
Alternative Catalog Number	EBT-ELK11156-96, EBT-ELK11156-48, EBT-ELK11156-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Bovine
Concentration	20 µg/mL
Range	0.312-20 µg/mL
Sensitivity	0.129 µg/mL
UniProt	P20959
Samples	serum, plasma, tissue homogenates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, Tumor immunity,. 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 IGFBP3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle IGFBP3. 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 IGFBP3, 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 IGFBP3 in the samples is then determined by comparing the OD of the samples to the standard curve