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Product Datasheet

Sheep INS(Insulin) ELISA Kit EBT-ELK10983

Article Name	Sheep INS(Insulin) ELISA Kit
Biozol Catalog Number	EBT-ELK10983
Supplier Catalog Number	ELK10983
Alternative Catalog Number	EBT-ELK10983-96, EBT-ELK10983-96X5, EBT-ELK10983-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Sheep
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.064 ng/mL
UniProt	P01318
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 Sheep INS. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Sheep INS. 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 Sheep INS, 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 Sheep INS in the samples is then determined by comparing the OD of the samples to the standard curve