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## Product Datasheet

### Horse INS(Insulin) ELISA Kit EBT-ELK0637

Article Name	Horse INS(Insulin) ELISA Kit
Biozol Catalog Number	EBT-ELK0637
Supplier Catalog Number	ELK0637
Alternative Catalog Number	EBT-ELK0637-96, EBT-ELK0637-48, EBT-ELK0637-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Equine
Concentration	10000 pg/mL
Range	156.25-10000 pg/mL
Sensitivity	68.8 pg/mL
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 Horse INS. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Horse 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 Horse 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 Horse INS in the samples is then determined by comparing the OD of the samples to the standard curve