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Product Datasheet

Horse LEP(Leptin) ELISA Kit EBT-ELK5930

Article Name	Horse LEP(Leptin) ELISA Kit
Biozol Catalog Number	EBT-ELK5930
Supplier Catalog Number	ELK5930
Alternative Catalog Number	EBT-ELK5930-96, EBT-ELK5930-48, EBT-ELK5930-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Equine
Concentration	40 ng/mL
Range	0.63-40 ng/mL
Sensitivity	0.246 ng/mL
UniProt	Q9TU09
Samples	serum, plasma and other biological fluids

Application Notes

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