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Product Datasheet

Horse HMGB-2(HighMobility Group Protein B2) ELISA Kit EBT-ELK9976

Article Name	Horse HMGB-2(HighMobility Group Protein B2) ELISA Kit
Biozol Catalog Number	EBT-ELK9976
Supplier Catalog Number	ELK9976
Alternative Catalog Number	EBT-ELK9976-96, EBT-ELK9976-48, EBT-ELK9976-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Equine
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.062 ng/mL
Samples	Serum, plasma and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Infection 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 Horse HMGB-2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Horse HMGB-2. 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 HMGB-2, 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 HMGB-2 in the samples is then determined by comparing the OD of the samples to the standard curve