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Product Datasheet

Cattle THP(Tamm-Horsfall Glycoprotein) ELISA Kit EBT-ELK9723

Article Name	Cattle THP(Tamm-Horsfall Glycoprotein) ELISA Kit
Biozol Catalog Number	EBT-ELK9723
Supplier Catalog Number	ELK9723
Alternative Catalog Number	EBT-ELK9723-96, EBT-ELK9723-48, EBT-ELK9723-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Bovine
Concentration	40 ng/mL
Range	0.63-40 ng/mL
Sensitivity	0.269 ng/mL
Samples	serum, plasma, urine and other biological fluids

Application Notes

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