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Product Datasheet

Cattle NT-ProBNP(N-Terminal Pro-Brain Natriuretic Peptide) ELISA Kit EBT-ELK0200

Article Name	Cattle NT-ProBNP(N-Terminal Pro-Brain Natriuretic Peptide) ELISA Kit
Biozol Catalog Number	EBT-ELK0200
Supplier Catalog Number	ELK0200
Alternative Catalog Number	EBT-ELK0200-96, EBT-ELK0200-48, EBT-ELK0200-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Bovine
Concentration	2500 pg/mL
Range	39.07-2500 pg/mL
Sensitivity	12 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: 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 Cattle NT-ProBNP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle NT-ProBNP. 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 NT-ProBNP, 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 NT-ProBNP in the samples is then determined by comparing the OD of the samples to the standard curve