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## Product Datasheet

### Cattle PRNP(Prion Protein) ELISA Kit EBT-ELK0517

Article Name	Cattle PRNP(Prion Protein) ELISA Kit
Biozol Catalog Number	EBT-ELK0517
Supplier Catalog Number	ELK0517
Alternative Catalog Number	EBT-ELK0517-96, EBT-ELK0517-48, EBT-ELK0517-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Bovine
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.057 ng/mL
UniProt	<a href="#">P10279</a>
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, CD & Adhesion molecule, Infection immunity, Neuroscience,. 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 PRNP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle PRNP. 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 PRNP, 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 PRNP in the samples is then determined by comparing the OD of the samples to the standard curve