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## Product Datasheet

### **Cattle CP(Ceruloplasmin) ELISA Kit EBT-ELK9158**

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|----------------------------|--|
| Article Name               | Cattle CP(Ceruloplasmin) ELISA Kit   |
| Biozol Catalog Number      | EBT-ELK9158  |
| Supplier Catalog Number    | ELK9158  |
| Alternative Catalog Number | EBT-ELK9158-96, EBT-ELK9158-48, EBT-ELK9158-96X5                                 |
| Manufacturer               | ELK Biotechnology  |
| Category                   | Kits/Assays  |
| Species Reactivity         | Bovine   |
| Concentration              | 1000 ng/mL   |
| Range                      | 15.6-1000 ng/mL  |
| Sensitivity                | 5.58 ng/mL   |
| Samples                    | serum, plasma, cell lysates, cell culture supernates and other biological fluids |

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Metabolic pathway, Infection immunity,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Cattle CP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle CP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 CP in the samples is then determined by comparing the OD of the samples to the standard curve