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Product Datasheet

Cattle C3(Complement Component 3) ELISA Kit EBT-ELK11177

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| Article Name | Cattle C3(Complement Component 3) ELISA Kit |
| Biozol Catalog Number | EBT-ELK11177 |
| Supplier Catalog Number | ELK11177 |
| Alternative Catalog Number | EBT-ELK11177-96, EBT-ELK11177-48, EBT-ELK11177-96X5 |
| Manufacturer | ELK Biotechnology |
| Category | Kits/Assays |
| Species Reactivity | Bovine |
| Concentration | 500 µg/mL |
| Range | 7.81-500 µg/mL |
| Sensitivity | 2.35 µg/mL |
| UniProt | Q2UVX4 |
| Samples | serum, plasma and other biological fluids |

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Infection immunity, Immune molecule,. 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 C3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle C3. 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 C3, 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 C3 in the samples is then determined by comparing the OD of the samples to the standard curve