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## Product Datasheet

### Cattle alpha2M(Alpha-2-Macroglobulin) ELISA Kit EBT-ELK11051

Article Name	Cattle alpha2M(Alpha-2-Macroglobulin) ELISA Kit
Biozol Catalog Number	EBT-ELK11051
Supplier Catalog Number	ELK11051
Alternative Catalog Number	EBT-ELK11051-96, EBT-ELK11051-48, EBT-ELK11051-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Bovine
Concentration	500 µg/mL
Range	7.82-500 µg/mL
Sensitivity	2.21 µg/mL
Samples	serum, plasma, urine and other biological fluids

Application Notes	<p>Assay Type: Sandwich. Assay length: 3.5h. Research Area: Tumor immunity, Infection immunity, Hematology,. 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 alpha2M. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle alpha2M. 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 alpha2M, 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 alpha2M in the samples is then determined by comparing the OD of the samples to the standard curve</p>
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