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Product Datasheet

Cattle Cystatin C (Cys-C) ELISA Kit BYT-ORB2667486

Article Name	Cattle Cystatin C (Cys-C) ELISA Kit
Biozol Catalog Number	BYT-ORB2667486
Supplier Catalog Number	orb2667486
Alternative Catalog Number	BYT-ORB2667486-48,BYT-ORB2667486-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Bovine
Product Description	Cattle Cystatin C (Cys-C) ELISA Kit...
Range	1.57-100 ng/mL
Sensitivity	0.47 ng/mL
UniProt	P01035
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 100 ng/mL. 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 Cys-C. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle Cys-C. 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 Cys-C, 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 Cys-C in the samples is then determined by comparing the OD of the samples to the standard curve