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Product Datasheet

Cattle Dermatan Sulfate Epimerase (DSE) ELISA Kit BYT-ORB1291348

Article Name	Cattle Dermatan Sulfate Epimerase (DSE) ELISA Kit
Biozol Catalog Number	BYT-ORB1291348
Supplier Catalog Number	orb1291348
Alternative Catalog Number	BYT-ORB1291348-48, BYT-ORB1291348-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Bovine
Product Description	Cattle DSE (Dermatan Sulfate Epimerase) ELISA Kit...
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.112 ng/mL
UniProt	P0C2H4
Samples	Tissue homogenates and other biological fluids.

Application Notes

Application Notes: standard: 20 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 DSE. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle DSE. 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 DSE, 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 DSE in the samples is then determined by comparing the OD of the samples to the standard curve