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Product Datasheet

Horse Cluster of Differentiation 8 (CD8) ELISA Kit BYT-ORB1291320

Article Name	Horse Cluster of Differentiation 8 (CD8) ELISA Kit
Biozol Catalog Number	BYT-ORB1291320
Supplier Catalog Number	orb1291320
Alternative Catalog Number	BYT-ORB1291320-48, BYT-ORB1291320-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Equine
Product Description	Horse CD8 (Cluster of Differentiation 8) ELISA Kit...
Concentration	100 ng/mL
Range	1.57-100 ng/mL
Sensitivity	0.65 ng/mL
Samples	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 Horse CD8. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Horse CD8. 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 Horse CD8, 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 Horse CD8 in the samples is then determined by comparing the OD of the samples to the standard curve