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Product Datasheet

Cattle IL3(Interleukin 3) ELISA Kit BYT-ORB3126849

Article Name	Cattle IL3(Interleukin 3) ELISA Kit
Biozol Catalog Number	BYT-ORB3126849
Supplier Catalog Number	orb3126849
Alternative Catalog Number	BYT-ORB3126849-48, BYT-ORB3126849-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Bovine
Product Description	Cattle IL3(Interleukin 3) ELISA Kit...
Range	15.63-1000 pg/mL
Sensitivity	6.5 pg/mL
UniProt	P49875
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: 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 IL3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle IL3. 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 IL3, 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 IL3 in the samples is then determined by comparing the OD of the samples to the standard curve