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Product Datasheet

Sheep Interleukin 8 (IL8) ELISA Kit BYT-ORB781936

Article Name	Sheep Interleukin 8 (IL8) ELISA Kit
Biozol Catalog Number	BYT-ORB781936
Supplier Catalog Number	orb781936
Alternative Catalog Number	BYT-ORB781936-48, BYT-ORB781936-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Sheep
Product Description	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 Interleukin 8(IL8)...
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	5.9 pg/mL
UniProt	P36925
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 1000 pg/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 Sheep IL8. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Sheep IL8. 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 Sheep IL8, 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 Sheep IL8 in the samples is then determined by comparing the OD of the samples to the standard curve