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Product Datasheet

Sheep Interleukin 4 (IL4) ELISA Kit BYT-ORB781877

Article Name	Sheep Interleukin 4 (IL4) ELISA Kit
Biozol Catalog Number	BYT-ORB781877
Supplier Catalog Number	orb781877
Alternative Catalog Number	BYT-ORB781877-48, BYT-ORB781877-96
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 4(IL4)...
Concentration	500 pg/mL
Range	7.82-500 pg/mL
Sensitivity	3.2 pg/mL
UniProt	P30368
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids..

Application Notes

Application Notes: standard: 500 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 IL4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Sheep IL4. 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 IL4, 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 IL4 in the samples is then determined by comparing the OD of the samples to the standard curve