BIOZOL
Diagnostica Vertrieb GmbH, Oehleckerring 11-13
22419 Hamburg, Germany
Telephone: +49 (0)89 3799666-6 | **Fax:** +49 (0)89 3799666-99
E-Mail: info@biozol.de

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Product Datasheet

Sheep Interleukin 17 (IL17) ELISA Kit
BYT-ORB781937

Article Name	Sheep Interleukin 17 (IL17) ELISA Kit
Biozol Catalog Number	BYT-ORB781937
Supplier Catalog Number	orb781937
Alternative Catalog Number	BYT-ORB781937-48, BYT-ORB781937-96
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 17(IL17)....
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	5.7 pg/mL
UniProt	Q9TUP4
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 IL17. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Sheep IL17. 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 IL17, 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 IL17 in the samples is then determined by comparing the OD of the samples to the standard curve