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## Product Datasheet

### Dog Lactoferrin (LTF) ELISA Kit BYT-ORB2667504

Article Name	Dog Lactoferrin (LTF) ELISA Kit
Biozol Catalog Number	BYT-ORB2667504
Supplier Catalog Number	orb2667504
Alternative Catalog Number	BYT-ORB2667504-48,BYT-ORB2667504-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Canine
Product Description	Dog Lactoferrin (LTF) ELISA Kit...
Range	78.13-5000 ng/mL
Sensitivity	18.3 ng/mL
Samples	serum, plasma, breast milk and other biological fluids

Application Notes

Application Notes: standard: 5000 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 Dog LTF. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog LTF. 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 Dog LTF, 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 Dog LTF in the samples is then determined by comparing the OD of the samples to the standard curve