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## Product Datasheet

### General Leukotriene D4 (LTD4) ELISA Kit BYT-ORB1806559

Article Name	General Leukotriene D4 (LTD4) ELISA Kit
Biozol Catalog Number	BYT-ORB1806559
Supplier Catalog Number	orb1806559
Alternative Catalog Number	BYT-ORB1806559-48,BYT-ORB1806559-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	All
Product Description	General Leukotriene D4 (LTD4) ELISA Kit...
Range	0.31-20ng/mL
Sensitivity	0.082 ng/mL
Samples	serum, plasma and other biological fluids
Target	LTD4

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 Leukotriene D4(LTD4). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Leukotriene D4(LTD4). 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 Leukotriene D4(LTD4), 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 Leukotriene D4(LTD4) in the samples is then determined by comparing the OD of the samples to the standard curve