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## Product Datasheet

### General Leukotriene C4 (LTC4) ELISA Kit BYT-ORB781954

Article Name	General Leukotriene C4 (LTC4) ELISA Kit
Biozol Catalog Number	BYT-ORB781954
Supplier Catalog Number	orb781954
Alternative Catalog Number	BYT-ORB781954-48, BYT-ORB781954-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	All
Product Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Leukotriene C4(LTC4) protein. Standards or samples are added to the appropriate microtiter plate wells then...
Concentration	30000 pg/mL
Range	468.75-30000 pg/mL
Sensitivity	148 pg/mL
Samples	serum, plasma, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 30000 pg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with LTC4 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to LTC4. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 LTC4 in the samples is then determined by comparing the OD of the samples to the standard curve