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## Product Datasheet

### LTB4(Leukotriene B4) ELISA Kit EBT-ELK7887

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|----------------------------|--|
| Article Name               | LTB4(Leukotriene B4) ELISA Kit                                     |
| Biozol Catalog Number      | EBT-ELK7887  |
| Supplier Catalog Number    | ELK7887  |
| Alternative Catalog Number | EBT-ELK7887-96,EBT-ELK7887-48,EBT-ELK7887-96X5                     |
| Manufacturer               | ELK Biotechnology  |
| Category                   | Kits/Assays  |
| Species Reactivity         | All  |
| Concentration              | 20000 pg/mL  |
| Range                      | 312.5-20000 pg/mL  |
| Sensitivity                | 91.1 pg/mL   |
| Samples                    | serum, plasma, cell culture supernates and other biological fluids |

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Metabolic pathway, Infection immunity, Endocrinology, Hormone metabolism. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with LTB4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to LTB4. 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 LTB4 in the samples is then determined by comparing the OD of the samples to the standard curve