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## Product Datasheet

### Human LTB4(Leukotriene B4) ELISA Kit EBT-ELK0913

|                            |                                                                    |
|----------------------------|--------------------------------------------------------------------|
| Article Name               | Human LTB4(Leukotriene B4) ELISA Kit                               |
| Biozol Catalog Number      | EBT-ELK0913                                                        |
| Supplier Catalog Number    | ELK0913                                                            |
| Alternative Catalog Number | EBT-ELK0913-96, EBT-ELK0913-48, EBT-ELK0913-96X5                   |
| Manufacturer               | ELK Biotechnology                                                  |
| Category                   | Kits/Assays                                                        |
| Species Reactivity         | Human                                                              |
| Concentration              | 20 ng/mL                                                           |
| Range                      | 0.32-20 ng/mL                                                      |
| Sensitivity                | 0.2 ng/mL                                                          |
| Samples                    | serum, plasma, cell culture supernates and other biological fluids |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| Application Notes | <p>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 Human LTB4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human LTB4 in the samples is then determined by comparing the OD of the samples to the standard curve</p> |
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