

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### LTD4(Leukotriene D4) ELISA Kit EBT-ELK9178

Article Name	LTD4(Leukotriene D4) ELISA Kit
Biozol Catalog Number	EBT-ELK9178
Supplier Catalog Number	ELK9178
Alternative Catalog Number	EBT-ELK9178-96, EBT-ELK9178-48, EBT-ELK9178-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	All
Concentration	20 ng/mL
Range	0.31-20 ng/mL
Sensitivity	0.083 ng/mL
Samples	serum, plasma and other biological fluids

Application Notes	<p>Assay Type: Competitive Inhibition. Assay length: 3.5h. Research Area: Biochemicals. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with LTD4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to LTD4. 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 LTD4 in the samples is then determined by comparing the OD of the samples to the standard curve</p>
-------------------	--