

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

## Product Datasheet

### Mouse LTB4(Leukotriene B4) ELISA Kit BYT-ORB3126853

Article Name	Mouse LTB4(Leukotriene B4) ELISA Kit
Biozol Catalog Number	BYT-ORB3126853
Supplier Catalog Number	orb3126853
Alternative Catalog Number	BYT-ORB3126853-48, BYT-ORB3126853-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Mouse
Product Description	Mouse LTB4(Leukotriene B4) ELISA Kit...
Range	0.32-20 ng/mL
Sensitivity	0.18 ng/mL
Samples	serum, plasma, tissue homogenates, cell culture supernates and other biological fluids

Application Notes

Application Notes: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Mouse LTB<sub>4</sub>. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse LTB<sub>4</sub>. 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 Mouse LTB<sub>4</sub> in the samples is then determined by comparing the OD of the samples to the standard curve