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## Product Datasheet

### General Lipopolysaccharides (LPS) ELISA Kit BYT-ORB1946412

Article Name	General Lipopolysaccharides (LPS) ELISA Kit
Biozol Catalog Number	BYT-ORB1946412
Supplier Catalog Number	orb1946412
Alternative Catalog Number	BYT-ORB1946412-48,BYT-ORB1946412-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	All
Product Description	General Lipopolysaccharides (LPS) ELISA Kit...
Range	1.57-100ng/mL
Sensitivity	0.68 ng/mL
Samples	Serum, Plasma, Tissue homogenate and Other biological samples
Target	LPS

Application Notes

Application Notes: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with LPS. Standards or samples are added to the appropriate micro ELISA plate wells then with a biotin-conjugated antibody specific to LPS. 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 LPS in the samples is then determined by comparing the OD of the samples to the standard curve