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Product Datasheet

General Lactic Acid (LA) ELISA Kit BYT-ORB782046

Article Name	General Lactic Acid (LA) ELISA Kit
Biozol Catalog Number	BYT-ORB782046
Supplier Catalog Number	orb782046
Alternative Catalog Number	BYT-ORB782046-48, BYT-ORB782046-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	All
Product Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Lactic Acid(LA) protein. Standards or samples are added to the appropriate microtiter plate wells then with...
Concentration	600 µg/mL
Range	9.38-600 µg/mL
Sensitivity	2.96 µg/mL
Samples	serum, plasma and biological fluids

Application Notes

Application Notes: standard: 600 µg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with LA protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to LA. 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 LA in the samples is then determined by comparing the OD of the samples to the standard curve