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## Product Datasheet

### General Lipoteichoic Acids (LTA) ELISA Kit BYT-ORB782584

|                          |   |
|--------------------------|---|
| Artikelname              | General Lipoteichoic Acids (LTA) ELISA Kit  |
| Artikelnummer            | BYT-ORB782584   |
| Hersteller Artikelnummer | orb782584   |
| Alternativnummer         | BYT-ORB782584-48, BYT-ORB782584-96  |
| Hersteller               | Biorbyt   |
| Kategorie                | Kits/Assays   |
| Applikation              | ELISA   |
| Spezies Reaktivität      | All   |
| Produktbeschreibung      | This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Lipoteichoic Acids (LTA) protein. Standards or samples are added to the appropriate microtiter plate wells ... |
| Konzentration            | 20 ng/mL  |
| Detektionsbereich        | 0.31-20 ng/mL   |
| Sensitivitaet            | 0.13 ng/mL  |
| Proben                   | serum, plasma and other biological fluids   |

Anwendungsbeschreibung

Application Notes: standard: 20 ng/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with LTA protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to LTA. 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 LTA in the samples is then determined by comparing the OD of the samples to the standard curve