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## Product Datasheet

### **Biotin Quantitative Determination ELISA Kit BYT-ORB1946751**

Artikelname	Biotin Quantitative Determination ELISA Kit
Artikelnummer	BYT-ORB1946751
Hersteller Artikelnummer	orb1946751
Alternativnummer	BYT-ORB1946751-48,BYT-ORB1946751-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	All
Produktbeschreibung	Biotin Quantitative Determination ELISA Kit...
Detektionsbereich	7.81-500 pg/mL
Sensitivitaet	5.35 pg/mL
Proben	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Target-Kategorie	Biotin

Anwendungsbeschreibung

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