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Product Datasheet

Biotin Quantitative Determination ELISA Kit BYT-ORB1946751

Article Name	Biotin Quantitative Determination ELISA Kit
Biozol Catalog Number	BYT-ORB1946751
Supplier Catalog Number	orb1946751
Alternative Catalog Number	BYT-ORB1946751-48,BYT-ORB1946751-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	All
Product Description	Biotin Quantitative Determination ELISA Kit...
Range	7.81-500 pg/mL
Sensitivity	5.35 pg/mL
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Target	Biotin

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 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