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## Product Datasheet

### General Sphingomyelin (SPH) ELISA Kit BYT-ORB782007

Article Name	General Sphingomyelin (SPH) ELISA Kit
Biozol Catalog Number	BYT-ORB782007
Supplier Catalog Number	orb782007
Alternative Catalog Number	BYT-ORB782007-48, BYT-ORB782007-96
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 Sphingomyelin (SPH) protein. Standards or samples are added to the appropriate microtiter plate wells then w...
Concentration	400 µg/mL
Range	6.25-400 µg/mL
Sensitivity	1.82 µg/mL
Samples	Serum, plasma and other biological fluids

Application Notes

Application Notes: standard: 400 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 SPH protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to SPH. 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 SPH in the samples is then determined by comparing the OD of the samples to the standard curve