

Product Datasheet

General Sphingomyelin (SPH) ELISA Kit (orb782007)

Catalog Number	orb782007
Category	Assays and Kits
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 with a biotin-conjugated antibody specific to Sphingomyelin (SPH).
Reactivity	All
Concentration	400 µg/mL
Tested applications	ELISA
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
Assay Type	Competitive
Assay Time	2h
Range	6.25-400 µg/mL

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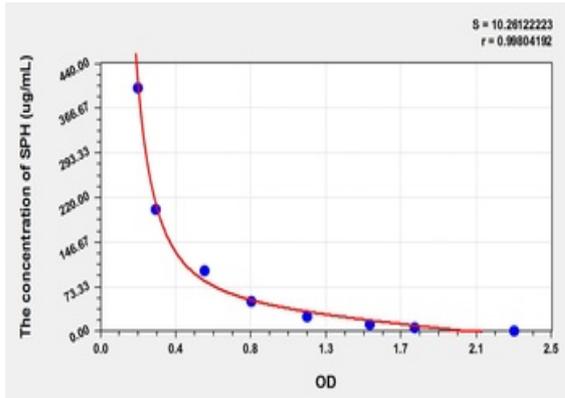
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Sensitivity	1.82 µg/mL
Sample Types	Serum, plasma and other biological fluids
Note	For research use only
Expiration Date	Please enquire.



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