

Product Datasheet

General Sphingomyelin (SPH) ELISA Kit (orb1806556)

Catalog Number	orb1806556
Category	Assays and Kits
Description	This General Sphingomyelin (SPH) ELISA Kit employs the competitive inhibition enzyme immunoassay technique. It exhibits a range from 6.25-400µg/mL and a sensitivity of 1.85 µg/mL.
Target	SPH
Reactivity	All
Application notes	This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with SPH. Standards or samples are added to the appropriate micro ELISA 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	1.5H
Standard	400µg/mL
Range	6.25-400µg/mL
Sensitivity	1.85 µg/mL

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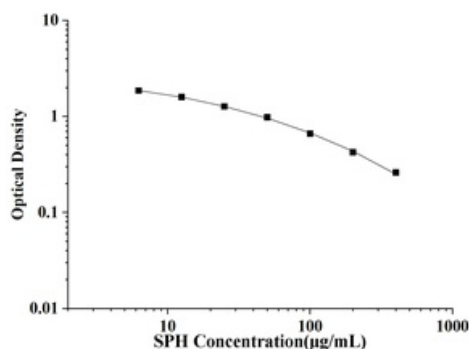
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Sample Types Serum, plasma and other biological fluids

Note For research use only

Expiration Date 6 months from date of receipt.



Standard curve for orb1806556 ELISA kit.

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