

Product Datasheet

General Sphingosine-1-Phosphate (S1P) ELISA Kit (orb782102)

Catalog Number	orb782102
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 Sphingosine-1-Phosphate(S1P) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Sphingosine-1-Phosphate(S1P).
Reactivity	All
Concentration	1000 ng/mL
Tested applications	ELISA
Application notes	standard: 1000 ng/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with S1P protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to S1P. 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 $\pm$ 10nm. The concentration of S1P in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Competitive
Assay Time	2.5h
Range	15.63-1000 ng/mL
Sensitivity	4.48 ng/mL

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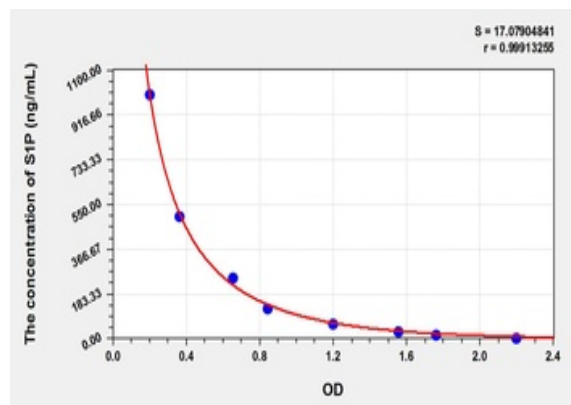
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Sample Types

serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Note

For research use only

**Biorbyt Ltd.**

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