

ARG83745 Sphingosine 1-Phosphate ELISA Kit

Package: 96 wells
Store at: 4°C, -20°C

Summary

Product Description	ARG83745 Sphingosine 1-Phosphate ELISA Kit is an Enzyme Immunoassay kit for the quantification of Sphingosine 1-Phosphate in serum, plasma, cell lysates and cell culture supernatants.
Tested Reactivity	All
Tested Application	ELISA
Target Name	Sphingosine 1-Phosphate
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	4.48 pg/ml
Sample Type	serum, plasma, cell lysates and cell culture supernatants
Standard Range	15.63-1000 ng/ml
Sample Volume	50 µl

Application Instructions

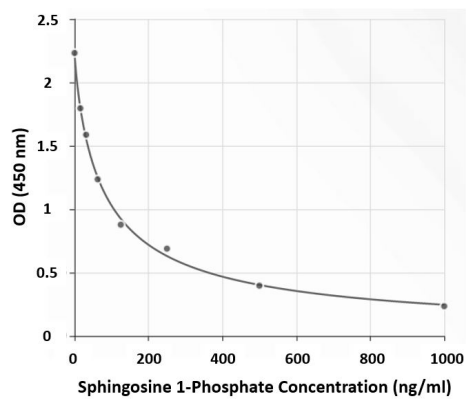
Assay Time	~ 2 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 4°C, -20°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	S1P
Gene Full Name	Sphingosine 1-Phosphate
Background	Sphingosine 1-Phosphate (S1P) is key component of the sphingolipid signaling cascade. S1P initiates a proliferative, pro-angiogenic and anti-apoptotic sequence of events contributing to cancer progression. Recently, scientific literature has suggested that S1P is a potent tumorigenic growth factor that is likely released from tumor cells and that S1P may be a novel biomarker for early stage cancer detection. Sphingosine kinase has also been shown to be up-regulated in a variety of cancer types (S1P is produced via the activity of sphingosine kinase phosphorylating sphingosine).



ARG83745 Sphingosine 1-Phosphate ELISA Kit standard curve image

ARG83745 Sphingosine 1-Phosphate ELISA Kit results of a typical standard for Sphingosine 1-Phosphate run with optical density reading at 450 nm.