

## Sphingomyelin (SPH) ELISA Kit-Competitive

**Cat. No.:** EK1F764

**Product Type:** Animal Immunoassay Kits

**Size:** 96T

### Product Overview

BioVenic General Sphingomyelin (SPH) ELISA Kit-Competitive is designed for the quantitative determination of General Sphingomyelin (SPH) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Competitive ELISA method. For research use only.

### Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for General SPH.
Target Species	General
Species Reactivity	General
Detection Range	6.26-400 µg/mL
Sensitivity	1.85 µg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 120 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

### Target Information

Sphingomyelin is a type of sphingolipid which is found in animal cell membranes, especially in the membranous myelin sheath that surrounds some nerve cell axons. It is one of the few membrane phospholipids not synthesized from glycerol. It plays significant roles in signaling pathways, cell structure, and cell metabolism. The hydrophobic chains of sphingomyelin tend to be much more saturated than other phospholipids.

Target/Biomarker	General SPH
Target Synonym	SM

### Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

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The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.