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**Technical Data Sheet**

**For research use only**
Not intended or approved for diagnostic or therapeutic use.

# Sphingo Strips™

## Product Number: S-6000

### Product Description:

Sphingo Strips™ are 2 x 6 cm hydrophobic membranes that have been spotted with 15 different lipids at 100 pmol per spot. These membranes can be used to determine lipid-protein interactions, through a simple protein-lipid overlay experiment. This allows researchers a convenient way to determine if their protein of interest interacts with one or more of the bound lipids.

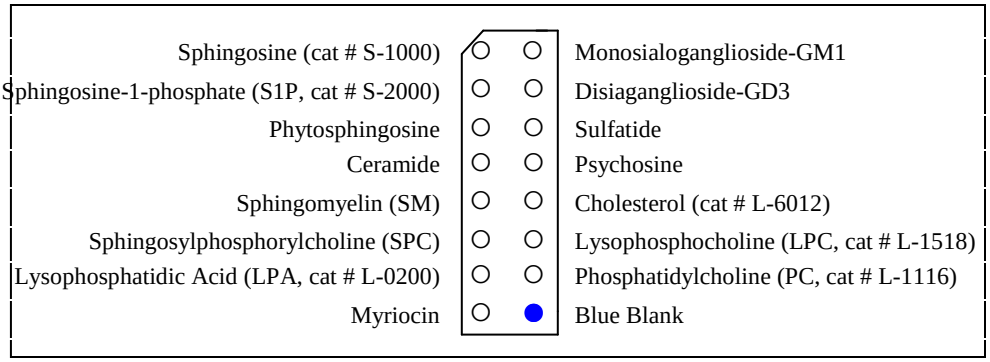
### Storage:

Store at 2-8 °C. Product is moisture and light sensitive.

### Format:

The membrane has a diagonal cut on its top left corner and is spotted with Xylene Cyanol FF (blue) in the bottom right blank corner to assist in orientation of the strip. Ponceau S staining (pink) was added to the lipid spots. See template below for location of lipids. All of the lipids are long chain (> diC16) highly pure synthetic analogs. For more information, on the lipids spotted on the membrane, please visit our website and search the catalog numbers provided in the figure below.

### Membrane Template:




*Final concentration of 0.1% (v/v) Ponceau S was added for accuracy during spotting.

### Suggested Usage:

Visit our website www.echelon-inc.com. At the bottom of the each product's webpage is our general Protocol "Protocol_Strip_Array" for use with product numbers: P-6001, P-6100, P-6002, P-6003, S-6000, and S-6001. Also please refer to our FAQ "Frequently Asked Questions" document.

### References:

1. Dowler, S., Currie, R.A., Downes, P.C., and Alessi, D.R. DAPP1: a dual adaptor for phosphotyrosine and 3-phosphoinositides *Biochemical Society.J.* 342, 7-12 (1999).
2. Dowler, S., Kular, G., and Alessi, R.D., Protein lipid overlay assay, Sci STKE, 2002, L6. (2002).
3. Rodriquez-Asiain A, Ruiz-Babot G, Romero W, Cubi R, Erazo T, Biondi RM, Bavascas JR, Aquilera J, Gomez N, Gil C, Claro E, Lizcano JM. Brain specific kinase-1 BRSK1/SAD-B associates with lipid rafts: modulation of kinase activity by lipid environment. *Biochem Biophys*. 2011 Dec.
4. Sawa CG, Fernandes da Costa SP, Bokori-Brown M, Naylor CE, Cole AR, Moss DS, Titball RW, Basak AK. Molecular architecture and functional analysis of NetB, a pore-forming toxin from Clostridium perfringens. *J Biol Chem*. 2013 Feb.