**PIP Arrays™**

**Product Number:** P-6100

**Product Description:**

PIP Arrays™ are 4 x 5 cm hydrophobic membranes that have been spotted with a concentration gradient of all eight phosphoinositides. 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 Ponceau S staining (pink) was added to the lipid spots to assist in orientation of the array. 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:**

```
A. 100 pmol/spot  
B. 50 pmol/spot  
C. 25 pmol/spot  
D. 12.5 pmol/spot  
E. 6.25 pmol/spot  
F. 3.13 pmol/spot  
G. 1.56 pmol/spot  
```

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

**Suggested Usage:**

Visit our website [www.echelon-inc.com](http://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:**