

Regular Price: \$600
Promotion: \$400

EcoliArray™

A Proteome Microarray of **4,267**
Proteins in *E. coli* K12

4,267
Unique
E. coli
Proteins

Product Description

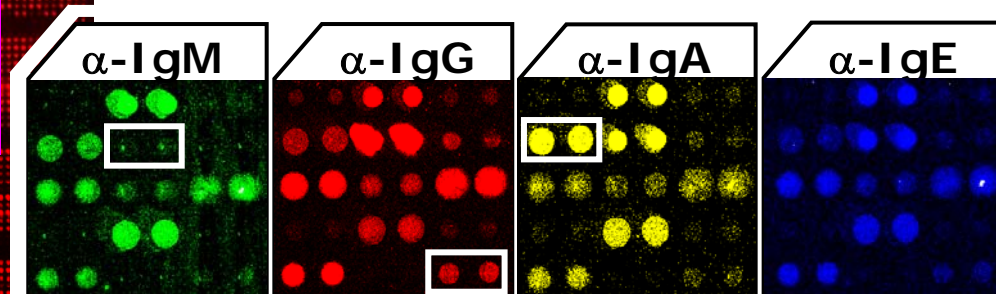
EcoliArray™ contains 4,267 unique proteins, representing 99.7% of the *E. coli* K12 proteome. These proteins are individually purified and arrayed in duplicate. The chip also includes control proteins to facilitate antibody and serum profiling.

Main Features

- ❖ 99.7% coverage of the *E. coli* proteome
- ❖ High quality
- ❖ Purified from bacterial cells
- ❖ Flexible surface chemistry

Applications

EcoliArray™ can be used to profile human serum samples from patients suffering from infectious diseases. Below is an example showing that four types of human immunoglobins can be simultaneously profiled using **EcoliArray™**.



Other applications include, but not limited to, identifying biomarkers, mapping protein-protein, protein-DNA/RNA, substrate-enzyme interactions, and building signaling networks, etc.

Reference:

1. Zhu H. et al. *Science*. 2001; 293(5537):2101-5.
2. Zhu H. et al. *Proc Natl Acad Sci U S A*. 2006;103(11):4011-6.
3. Huang J. et al. *Proc Natl Acad Sci U S A*. 2004;101(47):16594-9.
4. Hall D. et al. *Science*. 2004;306(5695):482-4.
5. Zhu H. et al. *Nat Genet.*;26(3):283-9.
6. Ptacek J. et al. *Nature*. 2005 Dec 1;438(7068):679-84.
7. Hu S. et al. Submitted.
8. Michaud GA et al. *Nat Biotechnol*. 2003;21(12):1509-12.

 **Contact us**

Creative BioLabs

21 Brookhaven Blvd, Port Jefferson Station, NY 11776, Tel: 1-631-871-5806, 1-866-588-6325

Email: info@creative-biolabs.com

Web: www.creative-biolabs.com