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Plexera launches Lectin Array Chip

Woodinville, Washington – June 24, 2013 – Plexera® LLC, a world leader in high throughput label free technology, announced today the launch of the Lectin Array Chip for high throughput glycoprofiling and biomarker discovery. The Lectin Array Chip leverages the PlexArray® HT's high throughput, label-free, SPRI platform for rapid characterization and quantification of glycosylation in protein samples. Dysregulation of glycoprotein is associated with a wide range of diseases including diabetes, cardiovascular disease, and cancer. The detection of deregulated glycosylation has been recognized as a hallmark for cancer biomarker discovery; however, the complexity of the glycome can be a challenge to comprehensive research in this field. The Lectin Array Chip is the first of its kind to provide researchers tools to sort the complexity of the glycome and has direct applications in:

- Glycoform characterization
- Disease-relevant glycol-biomarker discovery
- Cell surface glycome profiling
- Pathogen detection
- Bacterial tropism
- Cancer stem cell markers
- Altered glycan structure identification

Arrayed on Plexera's Nanocapture® Biosensor Chips, the Lectin Array Chip kit includes 41 different lectins from seven glycan binding moieties. Three technical replicates of lectins and additional controls are printed on a single chip allowing 270 reactions to be monitored simultaneously in real-time.

Commenting on the launch, Dr. Jinsong Zhu, CEO of Plexera, said "The Lectin Array Chip is a significant addition to our product portfolio and marks the continued expansion of our product line and Research Services business. I'm very pleased with the ease of use and robust nature of the chip in addition to the wealth of information the chip will offer to the field of glycobiology."

ABOUT PLEXERA, LLC.

Plexera LLC (<http://www.plexera.com>) provides advanced SPRI-based solutions for functional proteomics. The company is based in Woodinville, WA. and has application facilities at the Institute for Systems Biology in Seattle. Plexera is exclusively represented in China by Guangzhou Gaotong Biotechnology Co.,Ltd. in GuangZhou for sales, marketing, and application development and Pu Rui Tong Liang Co.,Ltd. in Beijing for sales, marketing, and product development. In Japan the company is exclusively represented by Cell Produce Co., Ltd.

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