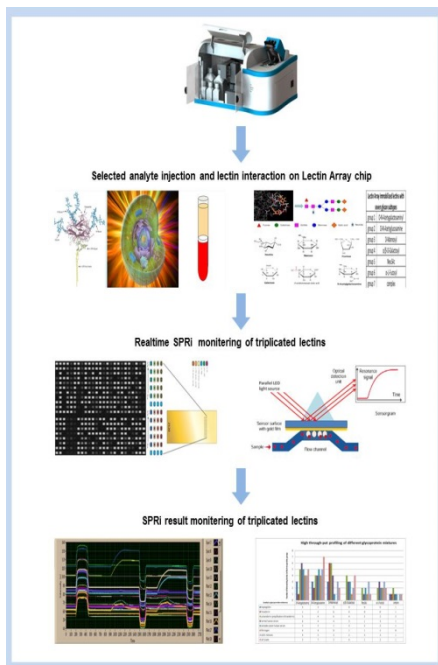




SPRI-Based Lectin Array Glycoprofiling

An efficient, label-free, SPRI-integrated screening technology for complex biomarker discovery applications



Dear Valued Customers:

We have some exciting news for you! Plexera has launched the first ever glycoprotein biomarker discovery platform, which is available now for glycoprotein screening.

Lectin Array Features

- High-throughput, real-time array
- Ideal solution for glycoprotein biomarker discovery
- Quick determination of glycoprotein
- Quantitative kinetic analysis results
- No depletion, minimizing sample pre-treatment
- Time and cost efficient

Revolutionary Real-Time, High-Throughput Glycome Research

The Plexera Lectin Array Chip offers the largest throughput capacity for detecting glycan structures. On this SPR array chip, 41 different lectins from seven different sugar binding moieties, Acetylgalactosaminyl, Mannosyl, Galactosyl, Fucosyl, Sialic Acid, Acetylglucosamine, and Neu5Ac, are immobilized. As shown in the diagram to the left, the binding of glycosylated proteins to selected lectins can be observed, and the kinetics of the interaction can be analyzed and calculated. Thus, both characterization of lectin-binding domains, and screening of lectins from natural sources, can be easily and efficiently performed.



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