Supplementary Information

A multiplex lectin-channel monitoring method for human serum glycoproteins by quantitative mass spectrometry

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Supplementary Information 1. Venn diagrams for the number of peptides identified by 1D LC–MS/MS analysis for each tryptic digest of AAL-, L-PHA-, Con A-, and DSA-captured fractions of a cancer serum.

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The number of peptides identified from each run for each lectin-fractionated subproteome fraction was compared. About half the peptides identified for triplicate runs were identified at least twice in all sample fractions analyzed, regardless of the lectin used for fractionation (57% in the AAL-captured fraction, 53% in L-PHA-captured, 65% in Con A-captured, and 62% in DSA-captured). From the similar ratios among lectins, it was interpreted that all lectin-fractionated samples could be analyzed under analogous analytical conditions.