



# Carbohydrate Microarrays Technology: A Powerful Technology for the Analysis of Polysaccharide Plant Cell Walls and Polysaccharide Degrading Enzymes

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We have developed a novel analysis methodology which combines antibody specificity with high throughput microarray technology. This powerful analytical tool can be used to characterize approximately 50 different plant cell wall components (polysaccharides and glycoproteins), as well as plant cell wall degrading enzymes and CBMs in a short time with a low reagent and sample input. Currently we can deal with a maximum of 4000 samples/week.

This technology has multiple applications for: polysaccharide screening, enzyme specificity and activity, discovery of pharmaceutical and nutraceutical valuable products and the bioenergy industry.

