

REACTIVE POLYSTYRENE (RPS) FOR DNA IMMOBILIZATION

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Nucleic acid hybridization has been used for the identification of genes for two decades. Hybridization in a microplate is a very promising method for diagnostic and high throughput screening applications due to the ease of handling microplates.

So far, one limitation of hybridization in microplates has been the immobilization of DNA onto the surface. Clearly, an important criteria for oligonucleotide immobilization is that the coupling efficiency should be high and provide a stable linkage to the solid support.

For further information, please refer to the "Application Note: Reactive Polystyrene (RPS) for DNA Immobilization" available from Corning Incorporated, Science Products Division, Advanced Life Science Products (USA), Tel: 800-492-1110, or 978-635-2200, Fax: 978-635-2476, on the web at www.scienceproducts.corning.com, or attend the technical seminar listed below which will present the data for Reactive Polystyrene — a high-binding surface.

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Reactive Polystyrene Styrene (RPS), patent pending, Corning Incorporated, Corning, NY.