

**Since 1987** ProMetic has been pioneering design, development, manufacture and distribution of affinity purification technology for research and development at lab-scale as well as large-scale bioprocessing in the biotechnology industry. Our patented Mimetic Ligand™ technology synthetically “mimics” and enhances the natural molecular affinity of binding ligands towards targeted biomolecules. The result: Optimized binding and yields for all your biomolecular purification needs.

- Recovery and purification of biologicals
- Antibody purification
- Proteomics and genomics applications
- Plasma protein purification
- Biocontaminant removal

**Core technologies** The key to our success in biomolecule purification lies in the development of an extensive Chemical Combinatorial Library™. Through years of dedication, research and development we've systematically screened countless ligand arrays and utilized our computer modeling processes to design new ligand structures.

**Our expertise** in polymer chemistry has led to the development and manufacture of proprietary matrices such as PuraBead® agarose beads, and Perfluorosorb® S highly fluorinated adsorbent as platforms for our purification technologies. Finally we bring it all together with our application know-how, resulting in high-performance products that are ideally suited to meeting the purification challenges of biotechnological research, development, and manufacturing.

**Global support** With sales and support offices in North America and Europe, and R&D facilities in Cambridge, UK and Montreal, Canada we are able to meet your needs and support your applications wherever you are. Our manufacturing facilities are located on the Isle of Man, UK and in Joliette, PQ, Canada.

**We invite you** to visit or call any of our facilities to discuss how we can help you “*get more of what you want from your process and less of what you don't.*”

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**creative**  
**affinity purification**  
**solutions**



We develop and produce

We are focused on recovery and

We offer creative

# affinity purification solutions

purification media

of biopharmaceuticals

for biopurification

## ● MAdsorbent®

Synthetic affinity ligand adsorbents validated for the purification of antibodies

## ● Mimetic Ligand™ Media

A family of application-specific affinity ligand media

## ● Perfluorosorb® S

Highly fluorinated, synthetic adsorbent for the purification of plasmid DNA

## ● Ion Exchangers

High-capacity, high-performance IEX media based on our PuraBead® agarose

## ● HIC Media

Complete range of agarose-based hydrophobic interaction chromatography media

## ● Therapeutic Antibodies

Monoclonal and polyclonal antibodies from cell culture, serum and transgenic sources

## ● Plasma Proteins

Therapeutic proteins from plasma, including coagulation factors, protease inhibitors, albumin, and immunoglobulins

## ● Plasmid DNA

cGMP-grade plasmid DNA purification for vaccines and gene therapy

## ● Transgenic Therapeutics

Animal and plant sourced proteins from a wide range of starting materials

## ● Enzymes

Alkaline phosphatase, serine proteases, kinases, transferases, and more!

## ● Biocontaminant Removal

Endotoxin removal, host cell protein reduction, viral clearance

## ● Vaccines

Protein antigen and DNA vaccine purification

## ● Off-the-shelf Media

Broad range of mimetic affinity media available in small or large quantities for research, scale-up and processing applications

## ● Purification Kits

Tools for specific applications, media screening, method scouting, and process development

## ● Custom Media Development

Custom development, validation and manufacture of affinity purification media for your specific process

## ● Bioprocess Development

Development and optimization of complete processes from cell lines to bulk active product

Call our Enabling Technologies Group at +1-973-812-9880.

For more information on ProMetic BioSciences visit [www.prometic.com](http://www.prometic.com) or email your request to [sales@prometic.com](mailto:sales@prometic.com)

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