



Sepax's Services- Catering to Your Research Needs!

Whether you are conducting analytical research, in need of customized resins, or scale up purification, Sepax Services offer unmatched technical capability and expertise. We offer highly individualized services to meet your specific requirements, helping you reach project goals in an efficient and cost-effective manner.

- Analytical Screening and Method Development
- Purification Services
- Custom Affinity Columns and Resins

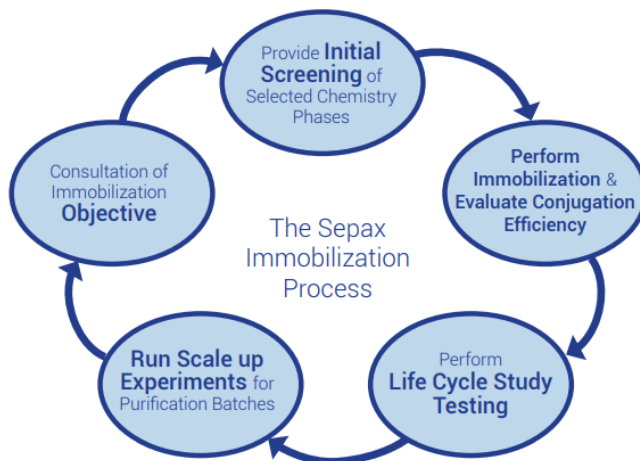
Tailor Your Services Now

Custom Affinity Column and Resin Development

1. Choose the Supporting Beads: Silica, Polymer like PMA, PS/DVB and Agarose
2. Define your Requirement: Particle Size, Pore Size and Degree of Cross-linkage
3. Develop the Resin Matrix: Ligand and Chemistry Type
4. Optimize Resin Surface Modification, Linker, Spacer Arm and others
5. Finalize Custom Affinity Resin Conjugation and Ligand Immobilization

Sepax a la carte Immobilization Menu

Ligand Type	Chemistry	Resin Matrix
<ul style="list-style-type: none"> ▶ Antigen ▶ Antibody ▶ Enzyme ▶ Ligand ▶ DNA/RNA ▶ Other 	<ul style="list-style-type: none"> ▶ Extended Chain NHS ▶ Streptavidin-Biotin (non covalent attachment) ▶ Reductive Amination (reactive aldehyde) ▶ Extended Chain Epoxy ▶ Extended Chain CNBr ▶ Coupling Method of Customer's Choice 	<ul style="list-style-type: none"> ▶ Agarose ▶ PS-DVB ▶ Silica ▶ PMA ▶ Surface Modified PMA ▶ Surface Modified PS-DVB ▶ Surface Modified Silica (case by case basis) ▶ Customer Provided Matrix



Examples include:

- **DNA Immobilization** – primer sequencing, synthesis, diagnostics
- **Heparin** – protein purification, cation exchanger, and DNA purification
- **Lectin** – purification of glycoconjugates/ glycans/ glycoproteins Boronate – simple ligand selectivity for glycated species
- **RNA** – any dT useful for purification for RNA constructs mAb – specific interaction with various proteins
- **Enzyme** – clinical diagnostics, lab Assays, bio-catalysis IgM –myoglobin analysis and other reactive species
- **IgG/HSA** – cross interaction chromatography for drug ½ life studies and competition against other antigens
- **Heterodimer Affinity** – separations of bispecifics in fermentation broths for 2-D analysis with SEC or in process monitoring
- **Custom Resins** – immobilization of small molecule/protein for drug interaction/metabolism

Sepax can work one on one with individualized needs to solve complex separations. We have over 20 years of experience working with clients on various immobilization schemes - with full qualification or ale la carte steps along the way. **Contact** our experts today!

Visit our website for more information: Sepax-Tech.com
Questions? Contact us today: 1-877-SEPAX-US

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