Sepax Technologies

SELECTION GUIDE OF CHROMATOGRAPHY MEDIA

Sepax Technologies

Sepax Bioscience, Inc. develops and manufactures advanced process chromatography media designed to deliver precise, efficient, and scalable purification for the global biopharmaceutical industry. Our portfolio contains chromatography resins based on agarose, polymer, and silica and includes various separation modes such as affinity, ion exchange, reverse phase, hydrophobic interaction, and mixed-modes to achieve superior downstream results.

Sepax resins support the full biopharmaceutical lifecycle, providing consistent performance from pre-IND research and early development through clinical trials and commercial GMP manufacturing. Backed by world-class research and development capabilities and a state-of-the-art GMP manufacturing facility, we deliver the reliability, scalability, and quality required to move products forward with confidence.

Sepax Bioscience was founded in 2022 in Newark, Delaware, and builds on over 20 years of chromatography expertise from its sister company, Sepax Technologies. Today, Sepax serves more than 5,000 customers worldwide and continues to advance chromatography innovation for the biopharmaceutical industry.

Three
Global Locations

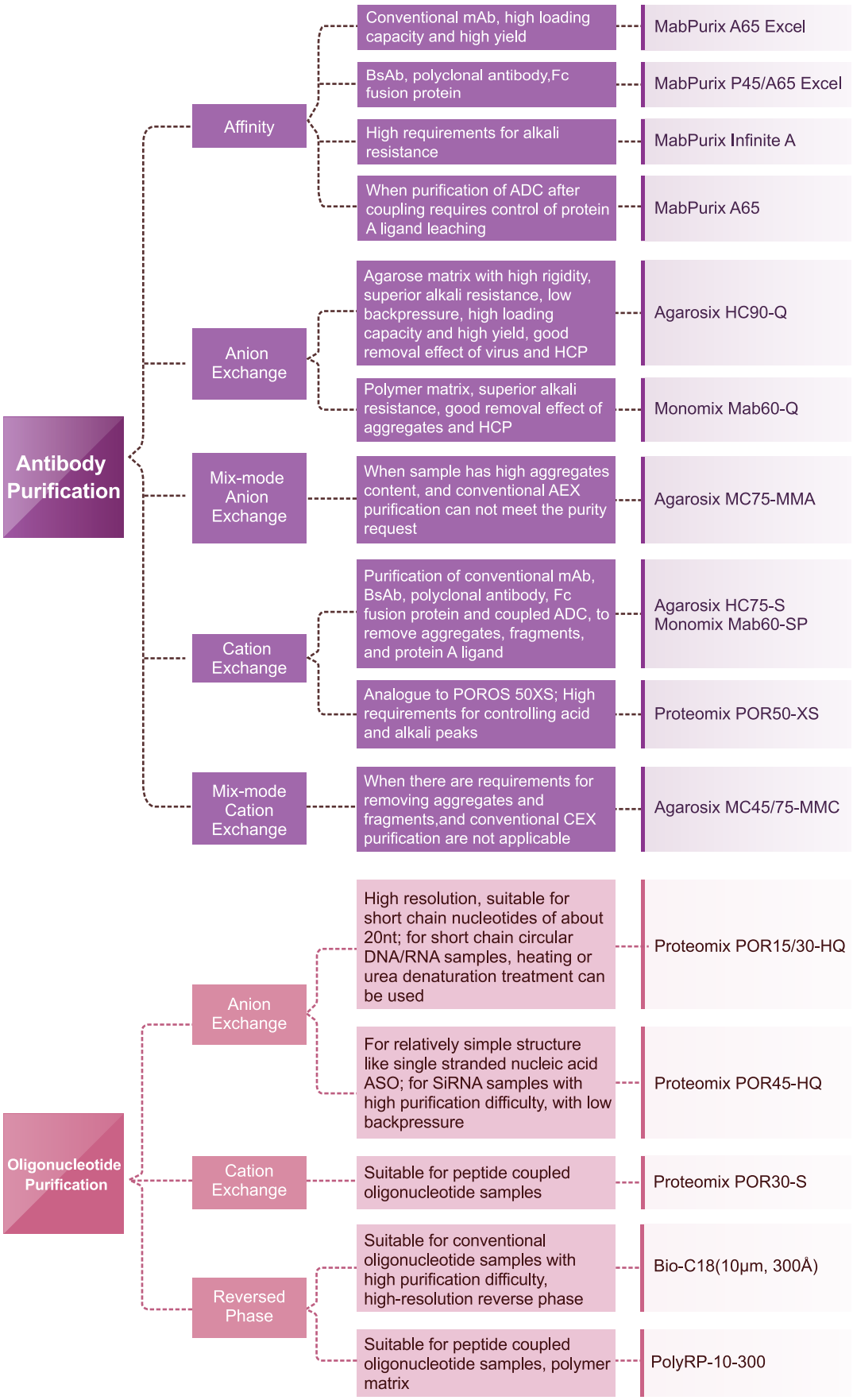
Annual Manufacturing Capacity
200,000+L

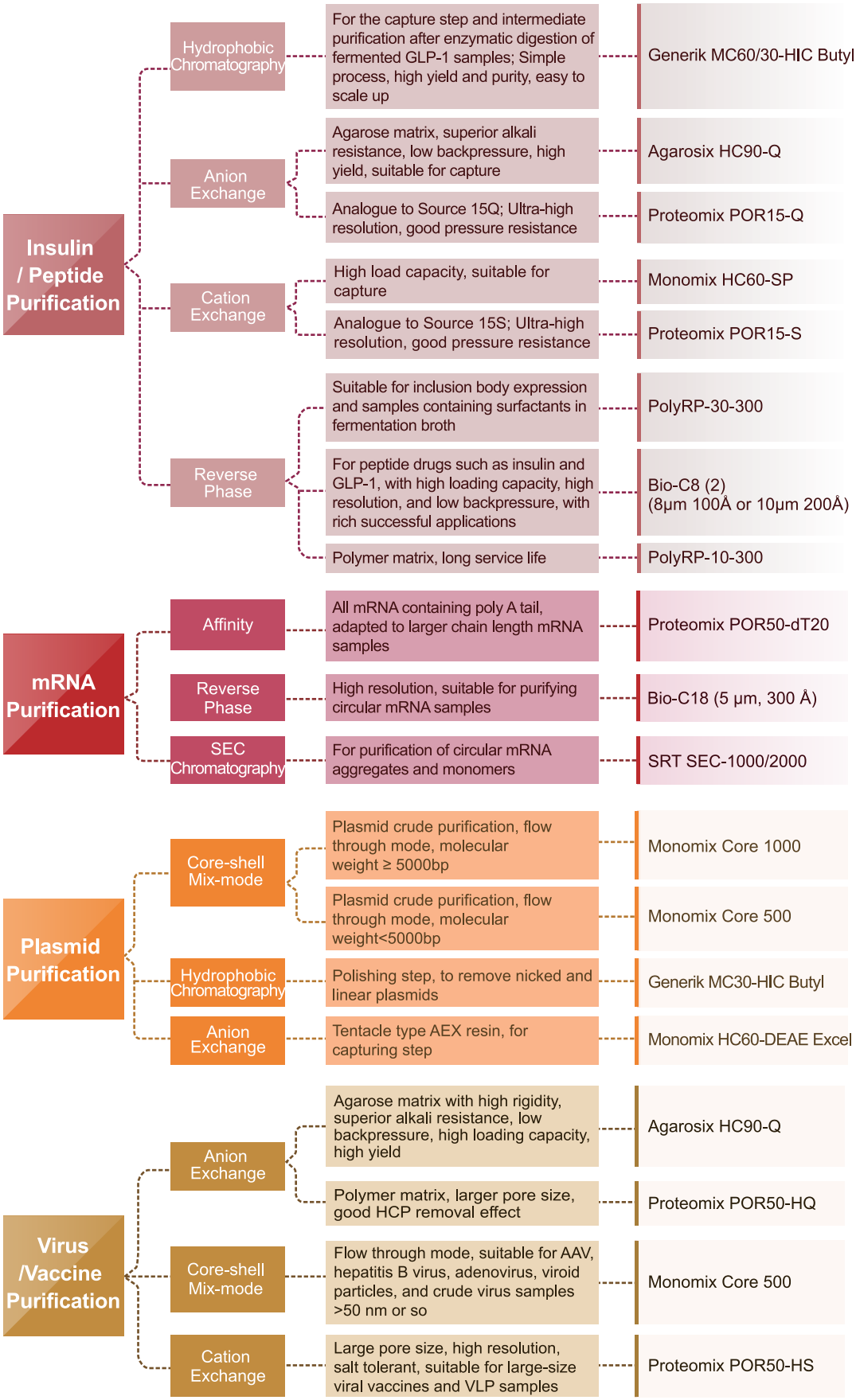
Global Customers
5,000+

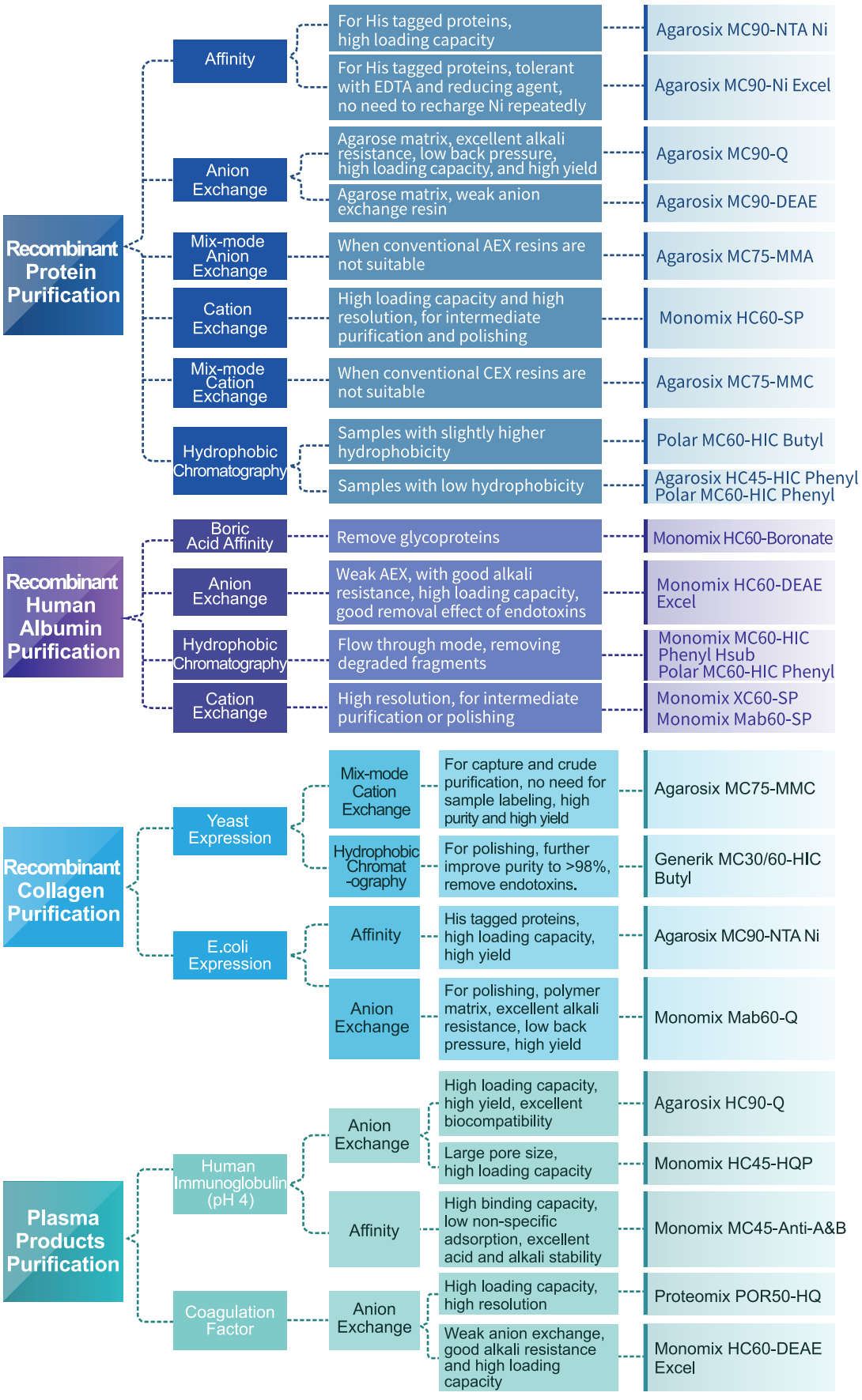
Patents
80+

Innovative Technology
Superior

Publication Reference
1500+


Antibody Purification
Affinity
Conventional mAb, high loading capacity and high yield
MabPurix A65 Excel
BsAb, polyclonal antibody,Fc fusion protein
MabPurix P45/A65 Excel
High requirements for alkali resistance
MabPurix Infinite A
When purification of ADC after coupling requires control of protein A ligand leaching
MabPurix A65
Anion Exchange
Agarose matrix with high rigidity, superior alkali resistance, low backpressure, high loading capacity and high yield, good removal effect of virus and HCP
Agarosix HC90-Q
Polymer matrix, superior alkali resistance, good removal effect of aggregates and HCP
Monomix Mab60-Q
Mix-mode Anion Exchange
When sample has high aggregates content, and conventional AEX purification can not meet the purity request
Agarosix MC75-MMA
Cation Exchange
Purification of conventional mAb, BsAb, polyclonal antibody, Fc fusion protein and coupled ADC, to remove aggregates, fragments, and protein A ligand
Agarosix HC75-S
Monomix Mab60-SP
Analogue to POROS 50XS; High requirements for controlling acid and alkali peaks
Proteomix POR50-XS
Mix-mode Cation Exchange
When there are requirements for removing aggregates and fragments,and conventional CEX purification are not applicable
Agarosix MC45/75-MMC
Oligonucleotide Purification
Anion Exchange
High resolution, suitable for short chain nucleotides of about 20nt; for short chain circular DNA/RNA samples, heating or urea denaturation treatment can be used
Proteomix POR15/30-HQ
For relatively simple structure like single stranded nucleic acid ASO; for SiRNA samples with high purification difficulty, with low backpressure
Proteomix POR45-HQ
Cation Exchange
Suitable for peptide coupled oligonucleotide samples
Proteomix POR30-S
Reversed Phase
Suitable for conventional oligonucleotide samples with high purification difficulty, high-resolution reverse phase
Bio-C18(10μm, 300Å)
Suitable for peptide coupled oligonucleotide samples, polymer matrix
PolyRP-10-300


Insulin / Peptide Purification
Hydrophobic Chromatography
For the capture step and intermediate purification after enzymatic digestion of fermented GLP-1 samples; Simple process, high yield and purity, easy to scale up
Generik MC60/30-HIC Butyl
Anion Exchange
Agarose matrix, superior alkali resistance, low backpressure, high yield, suitable for capture
Agarosix HC90-Q
Analogue to Source 15Q; Ultra-high resolution, good pressure resistance
Proteomix POR15-Q
Cation Exchange
High load capacity, suitable for capture
Monomix HC60-SP
Analogue to Source 15S; Ultra-high resolution, good pressure resistance
Proteomix POR15-S
Reverse Phase
Suitable for inclusion body expression and samples containing surfactants in fermentation broth
PolyRP-30-300
For peptide drugs such as insulin and GLP-1, with high loading capacity, high resolution, and low backpressure, with rich successful applications
Bio-C8 (2) (8μm 100Å or 10μm 200Å)
Polymer matrix, long service life
PolyRP-10-300
mRNA Purification
Affinity
All mRNA containing poly A tail, adapted to larger chain length mRNA samples
Proteomix POR50-dT20
Reverse Phase
High resolution, suitable for purifying circular mRNA samples
Bio-C18 (5 μm, 300 Å)
SEC Chromatography
For purification of circular mRNA aggregates and monomers
SRT SEC-1000/2000
Plasmid Purification
Core-shell Mix-mode
Plasmid crude purification, flow through mode, molecular weight ≥ 5000bp
Monomix Core 1000
Plasmid crude purification, flow through mode, molecular weight<5000bp
Monomix Core 500
Hydrophobic Chromatography
Polishing step, to remove nicked and linear plasmids
Generik MC30-HIC Butyl
Anion Exchange
Tentacle type AEX resin, for capturing step
Monomix HC60-DEAE Excel
Virus /Vaccine Purification
Anion Exchange
Agarose matrix with high rigidity, superior alkali resistance, low backpressure, high loading capacity, high yield
Agarosix HC90-Q
Polymer matrix, larger pore size, good HCP removal effect
Proteomix POR50-HQ
Core-shell Mix-mode
Flow through mode, suitable for AAV, hepatitis B virus, adenovirus, viroid particles, and crude virus samples >50 nm or so
Monomix Core 500
Cation Exchange
Large pore size, high resolution, salt tolerant, suitable for large-size viral vaccines and VLP samples
Proteomix POR50-HS


Recombinant Protein Purification
Affinity
For His tagged proteins, high loading capacity
Agarosix MC90-NTA Ni
For His tagged proteins, tolerant with EDTA and reducing agent, no need to recharge Ni repeatedly
Agarosix MC90-Ni Excel
Anion Exchange
Agarose matrix, excellent alkali resistance, low back pressure, high loading capacity, and high yield
Agarosix MC90-Q
Agarose matrix, weak anion exchange resin
Agarosix MC90-DEAE
Mix-mode Anion Exchange
When conventional AEX resins are not suitable
Agarosix MC75-MMA
Cation Exchange
High loading capacity and high resolution, for intermediate purification and polishing
Monomix HC60-SP
Mix-mode Cation Exchange
When conventional CEX resins are not suitable
Agarosix MC75-MMC
Hydrophobic Chromatography
Samples with slightly higher hydrophobicity
Polar MC60-HIC Butyl
Samples with low hydrophobicity
Agarosix HC45-HIC Phenyl
Polar MC60-HIC Phenyl
Recombinant Human Albumin Purification
Boric Acid Affinity
Remove glycoproteins
Monomix HC60-Boronate
Anion Exchange
Weak AEX, with good alkali resistance, high loading capacity, good removal effect of endotoxins
Monomix HC60-DEAE Excel
Hydrophobic Chromatography
Flow through mode, removing degraded fragments
Monomix MC60-HIC Phenyl Hsub
Polar MC60-HIC Phenyl
Cation Exchange
High resolution, for intermediate purification or polishing
Monomix XC60-SP
Monomix Mab60-SP
Recombinant Collagen Purification
Yeast Expression
Mix-mode Cation Exchange
For capture and crude purification, no need for sample labeling, high purity and high yield
Agarosix MC75-MMC
Hydrophobic Chromat -ography
For polishing, further improve purity to >98%, remove endotoxins.
Generik MC30/60-HIC Butyl
E.coli Expression
Affinity
His tagged proteins, high loading capacity, high yield
Agarosix MC90-NTA Ni
Anion Exchange
For polishing, polymer matrix, excellent alkali resistance, low back pressure, high yield
Monomix Mab60-Q
Plasma Products Purification
Human Immunoglobulin (pH 4)
Anion Exchange
High loading capacity, high yield, excellent biocompatibility
Agarosix HC90-Q
Large pore size, high loading capacity
Monomix HC45-HQP
Affinity
High binding capacity, low non-specific adsorption, excellent acid and alkali stability
Monomix MC45-Anti-A&B
Coagulation Factor
Anion Exchange
High loading capacity, high resolution
Proteomix POR50-HQ
Weak anion exchange, good alkali resistance and high loading capacity
Monomix HC60-DEAE Excel

Affinity Resin

Resin	Parameters	Characteristics	Application Area
MabPurix P45	Matrix: Hydrophilic polymethacrylate Particle size: 45 μm Ligand: Alkali resistant recombinant Protein A Pressure resistance: 1 Mpa CIP：0.1-0.5 M NaOH	1. Maintain high loading capacity for BsAb and Fc fusion protein 2. Good pressure resistance 3. Good alkali resistance 4. Low levels of leached protein A ligand & residual HCPs 5. High hydrophilicity, negligible nonspecific adsorption	mAb, BsAb, polyclonal antibody, Fc fusion protein, etc. High loading capacity especially for antibody samples with large molecular weight; DMF filing
MabPurix A65 MabPurix A65 Excel	Matrix: Highly cross-linked agarose microspheres Particle size: 65 μm Ligand: Alkali resistant recombinant Protein A Pressure resistance: 0.3 Mpa CIP：0.1-0.5 M NaOH	1. High loading capacity, A65 Excel DBC can exceed 70 mg hIgG/ml 2. Protein A leaching and HCP residue controlled at a very low level, A65 has excellent performance 3. Good alkali resistance 4. Fast binding speed, high efficiency, short retention time, and low back pressure 5. Good hydrophilicity, excellent biocompatibility 6. Easy to scale up	mAb, BsAb polyclonal antibodies Fc fusion proteins and other complex antibodies; DMF filing
MabPurix Infinite A MabPurix Infinite A HipH	Matrix: Highly cross-linked agarose microspheres Particle size: 75 μm Ligand: Ultra Alkali resistant recombinant Protein A	1. High loading capacity, High hydrophilicity 2. Ultra Alkali resistance, long life cycle 3. High cross-linked, low back pressure and fast flow rate 4. Can withstand 0.5 M NaOH CIP 5. Infinite A HipH can use high pH buffer in elution step	mAb, BsAb polyclonal antibody Fc fusion protein and other complex antibodies; DMF filing
Proteomix POR50-dT20	Matrix: Hydrophilic modified PS/DVB microspheres Ligand: oligo dT20 Particle size: 50 μm	1. High load capacity 2. High yield and easy elution 3. Effective capture and release, simplifying subsequent purification steps and improving overall production efficiency	Specially designed to capture mRNA from IVT transcripts
Agarosix MC90-NTA Ni	Matrix: Agarose Ligand: NTA CA or NTA Ni Particle size: 90 μm DBC: 50 mg/ml	1. High loading capacity and high metal chelation ratio 2. High alkali resistance and can withstand 0.1 M NaOH online CIP 3. Agarose matrix has good hydrophilicity and minimal non-specific adsorption 4. Two types: free acid type and nickel ion chelated type. The free acid type can be used for metal ion removal and can also be used to customize other metalion resin	To purify recombinant proteins with histidine tag; Agarosix MC90-NTA Ni has higher loading capacity, and agarosix MC90-Ni Excel does not need to recharge Ni ion
Agarosix MC90-Ni Excel	Matrix: Agarose Ligand: TED CA or TED Ni Particle size: 90 μm DBC: 35 mg/ml	1. Improve production efficiency without adding Ni ions and reduce regeneration steps 2. High alkali resistance, can withstand 0.5 M NaOH regeneration,and support online CIP 3. it has high loading capacity to meet production needs 4. Two types: free acid type and nickel ion chelated type	
Monoimx HC60-Boronate	Matrix: Hydrophilic polymethacrylate Ligand: 3-Aminophenylboronic acid Particle size: 60 μm Pore size: 1000 Å	1. High loading capacity and excellent biocompatibility 2. Highly hydrophilic minimzing non-specific adsorption 3. Alkaline conditions are recommended for the mobile phase.	Purification or analysis of compounds with Cis-diol groups such as glycoproteins, nucleic acids, and saccharides
Monomix MC45-Anti-A & B	Matrix: Hydrophilic polymethacrylate Ligand: polysaccharide antigen A/B Particle size: 45 μm	1. High binding capacity and excellent biocompatibility 2. High resolution, high column efficiency, and high yield 3. Excellent acid and alkali stability	To remove trace amounts of anti-A and anti-B from immunoglobulin (Ig) extracted from plasma

Anion Exchange Resin

Resin	Parameters	Characteristics	Application Area
Agarosix HC90-Q	Matrix: High rigidity agarose Function group: $-N^+(CH_3)_3$ Particle size: 90 μm	1. High load capacity and excellent biocompatibility 2. High resolution, high column efficiency, and high recovery 3. Easy to scale up	Purification of antibodies recombinant proteins oligonucleotides, plasma products, etc., to effectively remove impurities such as HCP and endotoxins
Agarosix MC90-Q	Matrix: Highly cross-linked agarose containing long chains of pectin Function group: $-N^+(CH_3)_3$ Particle size: 90 μm	1. High binding capacity and excellent biocompatibility 2. Superior HCP removal ability, high column efficiency and high yield 3. Easy to scale up	Purification of antibodies recombinant proteins oligonucleotides, etc., to effectively remove impurities such as HCP and endotoxins
Agarosix MC90-DEAE	Matrix: Highly cross-linked agarose containing long chains of pectin Function group: $-N(CH_2CH_3)_2$ Particle size: 60 μm	1. High binding capacity and excellent biocompatibility 2. Can withstand high pressure and high flow rate 3. High resolution and high yield 4. Wide pH range, good acid and alkali resistance	Purification of proteins insulins, vaccines antibodies, nucleic acids, etc
Monomix Mab60-Q	Matrix: Hydrophilic polymethacrylate Function group: $-N^+(CH_3)_3$ Particle size: 60 μm	1. Tentacle type AEX resin with high loading capacity 2. Rigid matrix can withstand high pressure and high flow rate 3. High resolution and high yield 4. Wide pH range, good acid and alkali resistance	Purification of antibodies, recombinant proteins, oligonucleotides, etc., to effectively remove impurities such as HCP and endotoxins
Monomix HC45-HQP	Matrix: Hydrophilic polymethacrylate Function group: $-N^+(CH_3)_3$ Particle size: 45 μm	1. High binding capacity and excellent biocompatibility 2. Rigid matrix can withstand high pressure and high flow rate 3. High resolution and high yield	Purification of plasma products, antibodies, vaccines, recombinant proteins, etc.
Monomix HC60-DEAE Excel	Matrix: Hydrophilic polymethacrylate Function group: $-N(CH_2CH_3)_2$ Particle size: 60 μm	1. High loading capacity and excellent biocompatibility 2. Rigid matrix can withstand high pressure and high flow velocity 3. High resolution and high recovery rate 4. Wide pH range, and acid and alkali resistant	Purification of plasma products, proteins, insulin, vaccines, antibodies, nucleic acids, etc.
Proteomix POR15-Q Proteomix POR15/30/45-HQ	Matrix: Hydrophilic modified PS/DVB microspheres Function group: $-N^+(CH_3)_3$ Particle size: 15/30/45 μm	1. High loading capacity, high resolution, high column efficiency and high yield 2. Rigid matrix can withstand high pressure and high flow rate 3. Highly hydrophilic surface, egligible nonspecific adsorption 4. Easy to scale up	Purification of small nucleic acids, insulins, viral vaccines, peptides, proteins, etc.
Proteomix POR50-HQ	Matrix: Hydrophilic modified PS/DVB microspheres Function group: $-N+(CH_3)_3$ Particle size: 50 μm	1. High loading capacity and good alkali resistance 2. Rigid matrix can withstand high pressure and high flow rate 3. Super large pore size is easy to capture macromolecular biological samples 4. High resolution, suitable for polishing 5. Easy to scale up	Purification of plasma products, HPV, recombinant proteins, mAb, nucleic acids, and peptides, etc.

Cation Exchange Resin

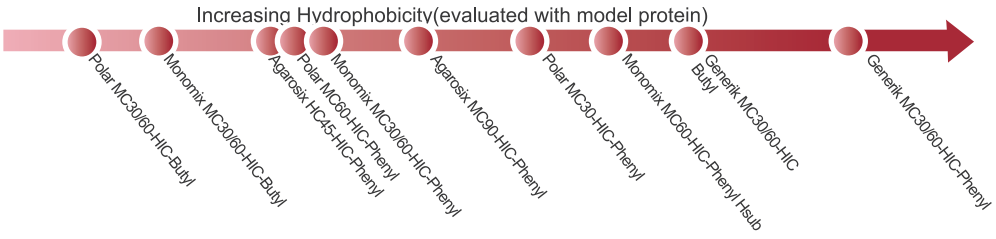
Resin	Parameters	Characteristics	Application Area
Monomix Mab60-SP	Matrix: Hydrophilic polymethacrylate Function group: -SO_3H Particle size: 60 μm	1. High resolution, effective separation of aggregates and fragments 2. High loading capacity 3. Good salt resistance in BsAb projects 4. Rigid matrix can withstand high pressure and high flow rate 5. Good alkali resistance	Purification of biological samples such as antibodies and recombinant proteins and effective removal of impurities such as aggregates and fragments with high resolution
Monomix HC60-SP Monomix XC60-SP	Matrix: Hydrophilic polymethacrylate Functional group: -SO_3H Particle size: 60 μm	1. High loading capacity 2. Rigid matrix can withstand high pressure and high flow rate 3. Good alkali resistance	For recombinant proteins, antibodies and insulin samples, rapid purification with high loading capacity. XC60-SP is specially designed for recombinant human albumin
Proteomix POR50-XS	Matrix: Hydrophilic modified PS/DVB microspheres Functional group: -SO_3H Particle size: 50 μm	1. High loading capacity and high salt resistance 2. Rigid matrix can withstand high pressure and high flow rate 3. High resolution, effectively remove impurities such as aggregates, fragments, acid and alkali peaks	Purification of antibodies and recombinant proteins, etc.
Proteomix POR50-HS	Matrix: Hydrophilic modified PS/DVB microspheres Functional group: -SO_3H Particle size: 50 μm	1. High salt resistance 2. Rigid matrix can withstand high pressure and high flow rate 3. The large pore size facilitates the capture of macromolecular biological samples 4. High resolution, suitable for polishing	Purification of HPV, nucleic acids and peptides, etc.
Proteomix POR15/30 -S	Matrix: Hydrophilic modified PS/DVB microspheres Functional group: -SO_3H Particle size: 15/30 μm	1. High loading capacity, highly hydrophilic surface and negligible nonspecific adsorption 2. Rigid matrix can withstand high pressure and high flow rate 3. High resolution, high column efficiency and high recovery 4. Easy to scale up	Purification of insulin, fermented peptides, vaccines, nucleic acids and proteins, etc.
Agarosix HC75-S	Matrix: High rigidity agarose Functional group: - SO_3H Particle size: 75 μm	1. High load capacity and extremely high iocompatibility 2. High hydrophilic surface, low non-specific adsorption 3. High resolution and high yield 4. Good high alkali resistance performance 5. High rigidity matrix with good pressure/flow rate performance	Purification of insulin, antibodies, vaccines, proteins, nucleic acids, etc.

Mix-mode Resin

Resin	Parameters	Characteristics	Application Area
Monomix Core 500	Matrix: Polymer microspheres Particle size: 60 μm Pore size: 500 Å	1. Combining SEC and IEX separation mode high loading capacity with flow through mode, high yield 2. Capable of CIP with 1M NaOH 3. Withstand high pressure and high flow rate 4. Independent intellectual property rights	Purification of AAV, hepatitis B virus, adenovirus, viroid particles, and virus samples with a small molecular size, crude purification of some small plasmids
Monomix Core 1000	Matrix: Polymer microspheres Particle size: 60 μm Pore size: 1000 Å	1. Larger pore size, suitable for purification of biological samples with larger molecular weight 2. Other performance same as Monomix Core 500	Purification of plasmids, viral vector samples with a large molecular size, and biological macromolecules such as RNA
Agarosix MC45/75 -MMC	Matrix: 6% cross-linked agarose Particle size: 45/75 μm Function group: carboxyl/phenyl	1. Excellent biocompatibility 2. High flow rate separation and purification 3. High recovery, high resolution and high column efficiency 4. Acid and alkali resistance	Polishing of ADC, recombinant protein and polyclonal antibody, to remove semi antibody, ¾ antibody, HCP and other impurities
Agarosix MC75-MMA	Matrix: 6% cross-linked agarose Particle size: 75 μm Function group: Quaternary ammonium/phenyl	1. High resolution, high column efficiency, and high recovery 2. Excellent biocompatibility 3. Wide pH range, acid and alkali resistant 4. Easy to scale up	Purification of antibodies,vaccines, insulin, proteins, nucleic acids, etc; Especially for the situation that aggregates content is high and conventional IEX purification cannot meet the purity requirements

HIC Resin

Resin	Parameters	Characteristics	Application Area
Agarosix MC90-HIC Phenyl	Matrix: Highly cross-linked agarose Particle size: 90 μm Functional group: phenyl	1. High binding capacity and excellent biocompatibility 2. High resolution and high yield 3. Acid and alkali resistance	Capture of recombinant proteins, antibodies, etc.
Agarosix HC45-HIC Phenyl	Matrix: Highly rigidity agarose Particle size: 45 μm Functional group: phenyl	1. High binding capacity and excellent biocompatibility 2. High resolution and high yield 3. Acid and alkali resistance	Polishing of recombinant proteins, antibodies, etc.; Effectively remove aggregates, degradation fragments etc; Separate ADC samples with different DAR values
Polar MC-HIC Butyl	Matrix:Hydrophilic polymethacrylate Particle size: 30/60 μm Maximum operating pressure: 3 MPa	1. Surface covered with a hydrophilic nano coating, and different functional groups are bonded through chemical modification. Hydrophobicity from weak to strong: Butyl<Phenyl 2. Good pressure resistance and alkali resistance, withstand high flow rate to reduce operation time 3. High loading capacity 4. Polydisperse beads	Suitable for samples with hydrophobic differences such as recombinant proteins, ADC and antibodies, can meet the require ments of high loading capacity
Polar MC-HIC Phenyl			
Monomix MC-HIC Butyl	Matrix: Hydrophilic polymethacrylate Particle size: 30/60 μm Pore size: 1000 Å Max operating pressure: 1 MPa	1. Monodisperse beads, with more uniform particle size and better resolution 2. Functional groups are bonded with hydrophilic nano coatings through chemicalmodification, Hydrophobicity from weak to strong: Butyl < Phenyl < Phenyl Hsub 3. Good pressure resistance and alkali resistance, withstand high flow rate to reduce operation time 4. Larger pore size, more suitable for proteins with larger molecular weight	Higher resolution, suitable for recombinant protein, ADC, antibody and other hydrophobic difference samples. It can be applied to capture, moderate purification and polishing stages
Monomix MC-HIC Phenyl			
Monomix MC-HIC Phenyl Hsub			
Generik MC-HIC Butyl	Matrix: Hydrophilic polymethacrylate Particle size: 30/60 μm Maximum operating pressure: 3 Mpa	1. Functional groups are directly bonded to the surface, resulting in stronger hydrophobic effect 2. Good pressure and alkali resistance, withstand high flow rate to reduce operation time 3. Polydisperse beads	Purification of GLP-1 and other peptides samples; Purification of weak and medium hydrophobic proteins; Polishing of plasmid
Generik MC-HIC Phenyl			Purification of very weak hydrophobic proteins



Polymer Reverse Phase Resin

Resin	Parameters	Characteristics	Application Area
PolyRP	Average particle size: 10, 15, 30 μm Pore size: 100, 300, 500, 1000 Å	1. Highly crosslinked PS/DVB provides excellent pressure resistance enabling the material to withstand high-pressure conditions. 2. Withstands high temperature up to 80°C 3. Uniform and controllable particle size 4. Excellent pH tolerance (1-14)	Suitable for all kinds of conventional organic phases, aqueous phases, and salt buffer systems. Suitable for peptides, amino acids, nucleotides, etc

SEC Resin

Resin	Parameters	Characteristics	Application Area
Agarosix SEC	Matrix: 6% cross-linked agarose Particle size: 45, 65, 90 μm	1. High loading capacity 2. 6% cross-linked, suitable for high flow rate purification 3. High resolution, high column efficiency, high yield 4. High lot-to-lot consistency 5. Easy to scale up 6. Highly hydrophilic surface	Widely used in the separation and purification of various biological samples
SRT-10/10C SEC	Matrix: Silica gel with hydrophilic coated surface Particle size: 10 μm Pore size: 150, 300, 500 and 1000 Å	1. High resolution and high loading capacity 2. High protein recovery 3. Highly hydrophilic surface with low non-specific adsorption 5. High mechanical stability, suitable for high flow rate 6. Stable lot-to-lot consistency	Suitable for the separation and preparation of antibodies, proteins, nucleic acids, polysaccharides, oligonucleotides, proteins, peptides and viruses. It can replace Superdex resin and rapidly prepare high-purity samples

Silica Reverse Phase Resin

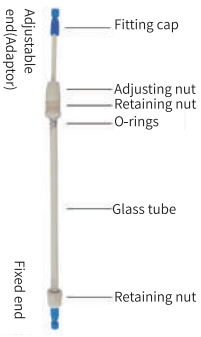
Resin	Parameters	Characteristics	Application Area
GP-C18	Matrix: silica gel, single layer fully sealed Particle size: 8, 10, 30, 50 μm Pore size: 120 Å	1. Universal type, can be used in a variety of conditions 2. Good stability, the surface adopts a unique single functional group bonding t echnology 3. High selectivity and high separation efficiency	The most universal reverse-phase resin widely utilized for the separation of drug molecules, synthetic peptides, natural products, and acidic, neutral, or alkaline compounds.
BR-C18	Matrix: Silica gel with three fully sealed functional groups. Particle size: 8, 10 μm Pore size: 120 Å Specific surface area: 300 m²/g	1. Good alkali resistance, can withstand a wider pH range 2. Suitable for the separation of alkaline compounds	Suitable for the separation of alkaline compounds or situations where a high pH of the mobile phase is required
Bio-C18	Matrix: Silica gel with a fully sealed single layer. Particle size: 10 μm Pore size: 200, 300 Å pH: 2-8.5	1. Large pore size, suitable for samples with large molecular weight 2. Withstands high proportion of aqueous mobile phase	Applicable when large pore size of resin or high proportion of a queous mobile phase is required; For peptides and small molecular proteins
GP-C8	Matrix: silica gel, single layer fully sealed Particle size: 10, 30, 50 μm Pore size: 60, 120 Å Specific surface area: 450, 300 m²/g	Moderate hydrophobicity and good universality	Suitable for reverse phase separation of drug molecules, and acidic, neutral, alkaline compounds, etc.
Bio-C8(2) (10μm, 200Å)	Matrix: Silica gel with a fully sealed single layer. Particle size: 10 μm Pore size: 200 Å Specific surface area: 200 m²/g	1. Fully sealed chemical bonding technology to improve acid and alkaline resistance 2. Optimized pore structure achieves high stability and high loading capacity 3. proprietary surface modification technology to bond octyl with hydrophobicity 4. High resolution and high lot-to-lot consistency 5. high mechanical strength 6. Resistance to 0.1M NaOH cleaning	For insulin, GLP-1 and other peptides
Bio-C8(2) (8μm, 100Å)	Matrix: Silica gel with a fully sealed single layer. Particle size: 8 μm Pore size: 100 Å Specific surface area: 310 m²/g		
GP-C4	Matrix: Silica gel with a fully sealed single layer. Particle size: 10 μm Pore size: 120 Å Specific surface area: 300 m²/g	Moderate hydrophobicity and good universality	Small molecule chemical drugs, peptides, organic acids, etc

*Note: Other specific resins are not listed completely due to space limitations.
Please consult representative of Sepax Technologies for details.

Generik FPLC Column

Column	Specifications	AF		AA	
PN	Inner diameter x Length (mm)	Column bed height (cm)	Column bed volume (ml)	Column bed height (cm)	Column bed volume (ml)
202000-0605-AF/AA	6.6x50	0.24-2	0.08-0.68	0.24-2	0.08-0.68
202000-0610-AF/AA	6.6x100	1-7	0.34-2.39	0.24-7	0.08-2.39
202000-0615-AF/AA	6.6x150	6-12	2.05-4.11	0.24-12	0.08-4.11
202000-0625-AF/AA	6.6x250	16-22	5.5-7.5	9.5-22	3.3-7.5
202000-0633-AF/AA	6.6x330	-	-	17.5-29.5	6.0-10.1
202000-0640-AF/AA	6.6x400	31-37	10.6-12.7	24.5-37	8.4-12.7
202000-1010-AF/AA	10x100	1-7	0.8-5.5	0.24-7	0.2-5.5
202000-1015-AF/AA	10x150	6-12	4.7-9.4	0.24-12	0.2-9.4
202000-1025-AF/AA	10x250	16-22	12.6-17.3	9.5-22	7.5-17.3
202000-1033-AF/AA	10x330	-	-	17.5-29.5	13.7-23.2
202000-1040-AF/AA	10x400	31-37	24.4-29.1	24.5-37	19.2-29.1
202000-1050-AF/AA	10x500	41-47	32.3-36.9	34.5-47	27.1-36.9
202000-1510-AF/AA	15x100	1-7	1.8-12.4	0.24-7	0.4-12.4
202000-1515-AF/AA	15x150	6-12	10.6-21.2	0.24-12	0.4-21.2
202000-1525-AF/AA	15x250	16-22	28.3-38.9	9.5-22	16.8-38.9
202000-1540-AF/AA	15x400	31-37	54.8-65.4	24.5-37	43.3-65.4
202000-1550-AF/AA	15x500	41-47	72.5-83.1	34.5-47	61.0-83.1
202000-2510-AF/AA	25x100	1-7	4.9-34.4	0.24-7	1.2-34.4
202000-2515-AF/AA	25x150	6-12	29.5-58.9	0.24-12	1.2-58.9
202000-2525-AF/AA	25x250	16-22	78.5-108.0	9.5-22	46.6-108.0
202000-2540-AF/AA	25x400	31-37	152.2-181.6	24.5-37	120.3-181.6
202000-2550-AF/AA	25x500	41-47	201.3-230.7	34.5-47	169.4-230.7
202000-3515-AF/AA	35x150	6-12	57.7-115.5	0.24-12	2.3-115.5
202000-3525-AF/AA	35x250	16-22	153.9-211.7	9.5-22	91.4-211.7
202000-3540-AF/AA	35x400	31-37	298.3-356.0	24.5-37	235.7-356.0
202000-5025-AF/AA	50x250	16-22	320.4-440.6	9.5-22	190.3-440.6
202000-5040-AF/AA	50x400	31-37	620.8-741.0	24.5-37	490.7-741.0
202000-5050-AF/AA	50x500	41-47	821.1-941.3	34.5-47	690.9-941.3

The Generik FPLC column is ideal for the analysis and purification of samples using low-pressure liquid chromatography. The glass column features an inner diameter range of 6.6 mm to 50 mm and a maximum length of 500 mm with a pressure limit of 6.2 MPa. Additionally, it includes an adjustable end with a maximum height of 80 mm for enhanced convenience during use.



* Note:
1. The AF type indicates that one end of the column has a fixed end, while the other is equipped with an adjustable adapter. The AA type features an adjustable adapter at both ends.
2. Products marked in the gray color are the standard types, while the remaining products require customization.

SEPARATION IS OUR SCIENCE
COLLABORATION IS OUR STRATEGY

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