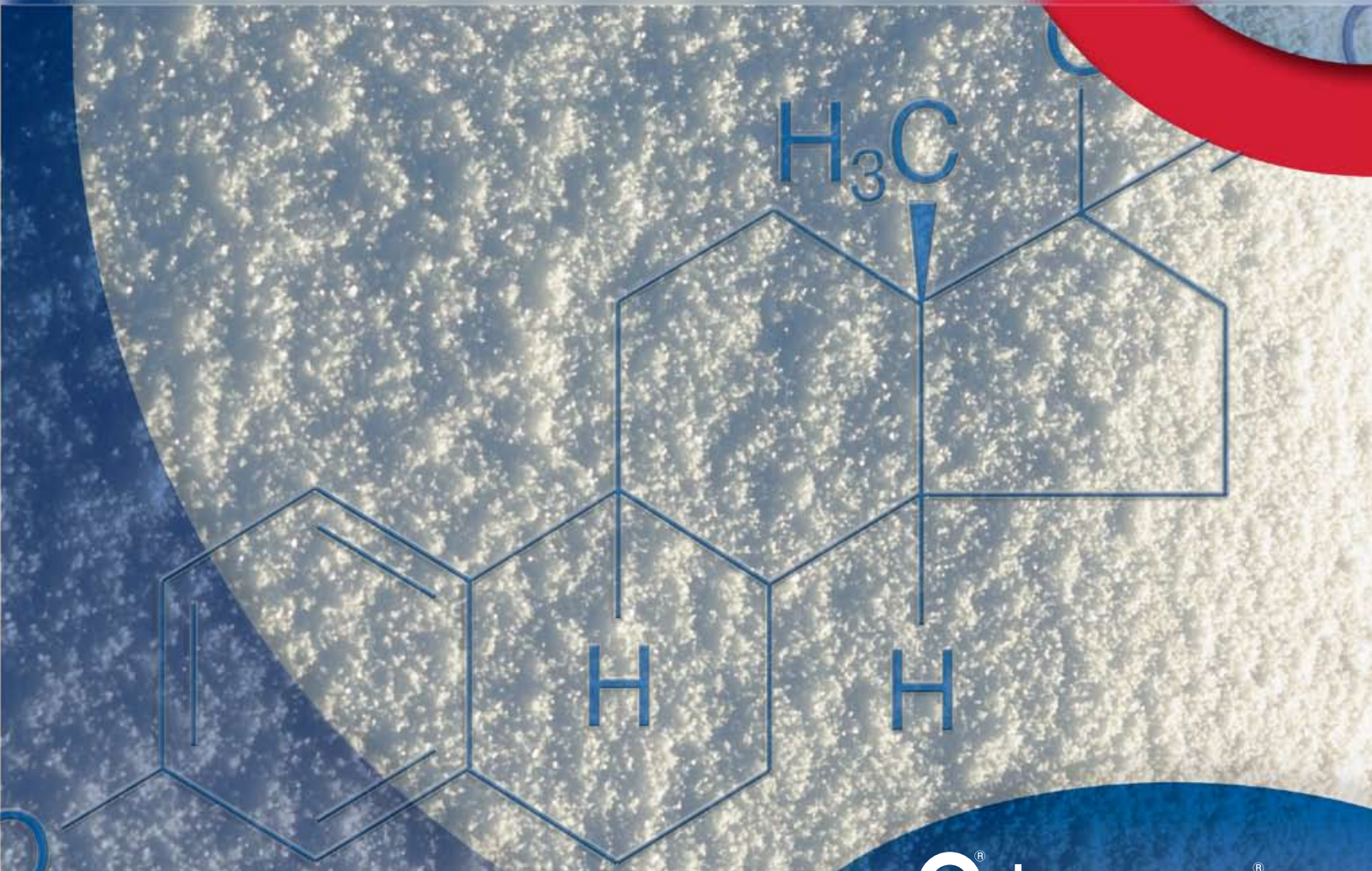


Capture and Concentrate

Premium Chromatographic Media for
Low/Medium Pressure Purifications



 **phenomenex**[®]
...breaking with traditionSM



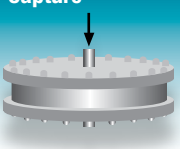
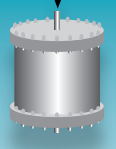

Media for all processes.

We offer the complete solution.

Phenomenex offers a wide mix of bulk media options including an array of large particle media for today's chemists who need effective capture and concentrated media resins.

Sepra™:

- Provides reproducible recoveries from capture to purification
- Removes contaminants and eliminates matrix effects
- Offers controlled selectivity for target analytes
- Results in high-throughput sample purification

Purification Step	Media Description	Base Material		Type of Compounds			Bases	Chromatography Mode		
		Silica	Polymer	Acids	Neutrals			Reversed Phase	Normal Phase	Ion Exchange
					Polar	Hydrophobic				
 Capture	Sepra ZTL (115 µm, 330 Å)		•	Good	Excellent	Very Good	Very Good	•		
	Sepra ZTL-SCX (115 µm, 330 Å)		•				Excellent			•
	Sepra SDB-L (95 µm, 255 Å)		•	Good	Good	Excellent	Good	•		
	Sepra Florisil® (180 µm, 85 Å)	•		Good	Good	Good	Good		•	
	Sepra Silica (50 µm, 65 Å)	•		Good		Good	Good		•	
 Intermediate/ Concentrate	Sepra ZTL (115 µm, 330 Å)		•	Good	Excellent	Very Good	Very Good	•		
	Sepra ZTL-SCX (115 µm, 330 Å)		•				Excellent			•
	Sepra SDB-L (95 µm, 255 Å)		•	Good	Good	Excellent	Good	•		
	Sepra Florisil® (180 µm, 85 Å)	•		Good	Good	Good	Good		•	
	Sepra C18-E (50 µm, 65 Å)	•		Good		Excellent	Good	•		
	Sepra C18-T (50 µm, 135 Å)	•		Good		Excellent	Good	•		
	Sepra C8 (50 µm, 65 Å)	•		Good		Excellent	Good	•		
	Sepra Phenyl (50 µm, 65 Å)	•		Good		Excellent	Good	•		
	Sepra CN (50 µm, 65 Å)	•		Good	Good		Good	•	•	
	Sepra NH ₂ (50 µm, 65 Å)	•		Good	Good		Good		•	•
	Sepra SCX (50 µm, 65 Å)	•					Excellent			•
	Sepra SAX (50 µm, 65 Å)	•			Excellent					•
	Sepra WCX (55 µm, 70 Å)	•					Excellent			•
	Sepra Silica (50 µm, 65 Å)	•		Good		Good	Good		•	
	Sepra ZT (30 µm, 85 Å)		•	Good		Very Good	Very Good	•		
	Sepra ZT-SCX (30 µm, 85 Å)		•				Excellent			•
Sepra ZT-WCX (30 µm, 85 Å)		•				Excellent			•	
Sepra ZT-WAX (30 µm, 85 Å)		•	Excellent						•	
 Polishing	Sepra ZT (30 µm, 85 Å)		•	Good	Very Good	Very Good	Very Good	•		
	Sepra ZT-SCX (30 µm, 85 Å)		•				Excellent			•
	Sepra ZT-WCX (30 µm, 85 Å)		•				Excellent			•
	Sepra ZT-WAX (30 µm, 85 Å)		•	Excellent						•

For polishing in reversed phase mode please also consider our HPLC media: Gemini®, Luna®, Synergi™, and Jupiter®.

Ordering Information

	Phase	Phase Description	MW Range	Common Applications	100 g	1 kg	10 kg
Polymer Septra-ZT Small Pore Polymer Resin	Septra ZT (30 µm, 85 Å)	Pyrrolidone modified styrenedivinylbenzene polymer	≤ 10 kDa	Reversed phase, hydrophobic, polar or aromatic, small molecule selectivity from aqueous samples in pH 1-14 including peptides and small proteins	04G-4426	04K-4426	04M-4426
	Septra ZT-SCX (30 µm, 85 Å)	Sulfonic acid modified styrenedivinylbenzene polymer	≤ 10 kDa	Strong ion-exchange of cationic or aromatic, small molecule selectivity from aqueous samples in pH 1-14 including peptides and small proteins	04G-4466	04K-4466	Inquire
	Septra ZT-WCX (30 µm, 85 Å)	Carboxylic acid modified styrenedivinylbenzene polymer	≤ 10 kDa	Weak ion-exchange of cationic or aromatic, small molecule selectivity from aqueous samples in pH 1-14 including peptides and small proteins	04G-4478	04K-4478	Inquire
	Septra ZT-WAX (30 µm, 85 Å)	Primary, secondary amine modified styrenedivinylbenzene polymer	≤ 10 kDa	Weak ion-exchange of anionic or aromatic, small molecule selectivity from aqueous samples in pH 1-14 including peptides and small proteins	04G-4463	Inquire	Inquire
Polymer Septra-ZTL Large Pore Polymer Resin	Septra ZTL (115 µm, 330 Å)	Large particle, large pore pyrrolidone modified styrenedivinylbenzene polymer	≤ 75 kDa	Weak ion-exchange of anionic or aromatic, small molecule selectivity from aqueous samples in pH 1-14 including peptides and small proteins	04G-4470	04K-4470	Inquire
	Septra ZTL-SCX (115 µm, 330 Å)	Large particle, large pore sulfonic acid modified styrenedivinylbenzene polymer	≤ 75 kDa	Strong ion-exchange of cationic or aromatic, small - large molecule selectivity from aqueous samples in pH 1-14 including peptides and small - large proteins	04G-4467	04K-4467	Inquire
	Septra ZTL-WCX (115 µm, 330 Å)	Large particle, large pore carboxylic acid modified styrenedivinylbenzene polymer	≤ 75 kDa	Weak ion-exchange of cationic or aromatic, small molecule selectivity from aqueous samples in pH 1-14 including peptides and small proteins	Inquire	Inquire	Inquire
	Septra ZTL-WAX (115 µm, 330 Å)	Large particle, large pore di-amino modified styrenedivinylbenzene polymer	≤ 75 kDa	Weak ion-exchange of anionic or aromatic, small molecule selectivity from aqueous samples in pH 1-14 including peptides and small proteins	Inquire	Inquire	Inquire
Silica Septra™ 100% Silica Resin	Septra C18-E (50 µm, 65 Å)	Endcapped silica-based C18	≤ 10 kDa	Reversed phase, hydrophobic, small molecule selectivity from aqueous samples	04G-4348	04K-4348	04M-4348
	Septra C18-T (50 µm, 135 Å)	Wide pore endcapped silica-based C18	≤ 45 kDa	Reversed phase, hydrophobic, small-medium molecule selectivity from aqueous samples, including peptides and small proteins	04G-4405	04K-4405	04M-4405
	Septra C8 (50 µm, 65 Å)	Endcapped silica-based C8	≤ 10 kDa	Reversed phase, hydrophobic, small molecule selectivity from aqueous samples	04G-4406	04K-4406	Inquire
	Septra Phenyl (50 µm, 65 Å)	Endcapped silica-based phenyl	≤ 10 kDa	Reversed phase, hydrophobic and aromatic, small molecule selectivity from aqueous samples	04G-4407	04K-4407	Inquire
	Septra CN (50 µm, 65 Å)	Unendcapped silica-based cyano	≤ 10 kDa	Reversed or normal phase, pi electron/ aromatic, small molecule selectivity from aqueous or organic samples	04G-4409	04K-4409	Inquire
	Septra NH ₂ (50 µm, 65 Å)	Unendcapped silica-based primary amine	≤ 10 kDa	Reversed or normal phase, anion or polar, small molecule selectivity from aqueous or organic samples	04G-4408	04K-4408	04M-4408
	Septra Florisil® (180 µm, 85 Å)	Magnesium silicate Pesticide Residue Grade Florisil	≤ 10 kDa	Normal phase, polar, small molecule selectivity from organic samples	04G-4411	04K-4411	Inquire
	Septra SCX (50 µm, 65 Å)	Silica-based sulfonic acid	≤ 10 kDa	Strong ion-exchange of cationic small molecules from aqueous or organic samples including peptides and small proteins	04G-4413	04K-4413	Inquire
	Septra SAX (50 µm, 65 Å)	Silica-based quaternary amine	≤ 10 kDa	Strong ion-exchange of anionic small molecules from aqueous or organic samples	04G-4414	04K-4414	Inquire
	Septra WCX (55 µm, 70 Å)	Silica-based carboxylic acid	≤ 10 kDa	Weak ion-exchange of cationic small molecules from aqueous or organic samples including peptides and small proteins	04G-S027	04K-S027	Inquire
	Septra Silica (50 µm, 65 Å)	Unendcapped silica	≤ 10 kDa	Normal phase, polar, small molecule selectivity from organic samples	04G-4410	04K-4410	Inquire
Septra SDB-L (95 µm, 255 Å)	Styrenedivinylbenzene polymer	≤ 75 kDa	Reversed phase, hydrophobic or aromatic, small - large molecule selectivity from aqueous samples in pH 1-14 including peptides and small - large proteins	04G-4412	04K-4412	Inquire	

Terms and Conditions
Subject to Phenomenex Standard Terms and Conditions, which may be viewed at <http://www.phenomenex.com/TermsAndConditions>.

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