

# YOUR SEPARATION PARTNER



*Sepax Technologies*

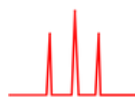
Biopharma expert.

LINE Official Account

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立行科技有限公司  
Analab Corporation

# SRT Zenix-C



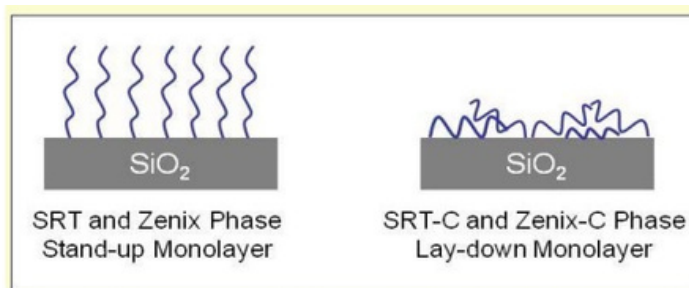
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適用於ADC (Antibody-Drug Conjugates) 分析

## 產品特點:

1. 3 $\mu$ m 高解析度以及高樣品負載能力
2. 純化時提供高回收力
3. 惰性表面減少與樣品發生反應
4. 可廣泛用於生物性樣品的分析
5. 特別適合用來分析疏水性的生物樣品

Ex: **hydrophobic proteins** like insulin, membrane protein, monoclonal antibodies derivatized with polymer branches, e.g. polypeptide, PEG.

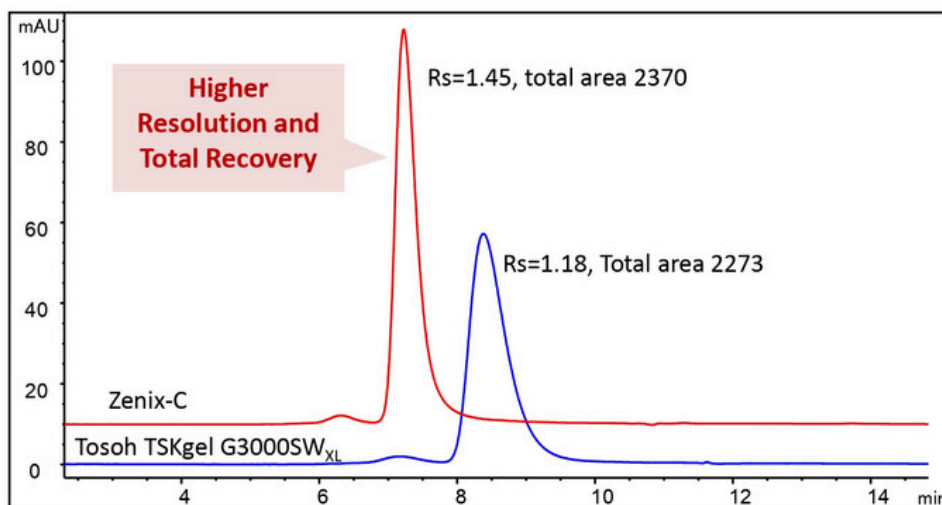


獨家特殊的表面修飾,特別適合用來分析疏水性的樣品

## 應用資料:

### Herceptin-Lysine Drug Conjugate Analysis

#### Zenix-C SEC-300 vs. Tosoh TSKgel G3000SWXL



**Column:** Zenix SEC-300 ( 3  $\mu$ m, 300  $\text{\AA}$ , 7.8 x 300 mm)

**Mobile phase:** 150 mM phosphate buffer, pH 7.0;

**Flow rate:** 1 mL/min;

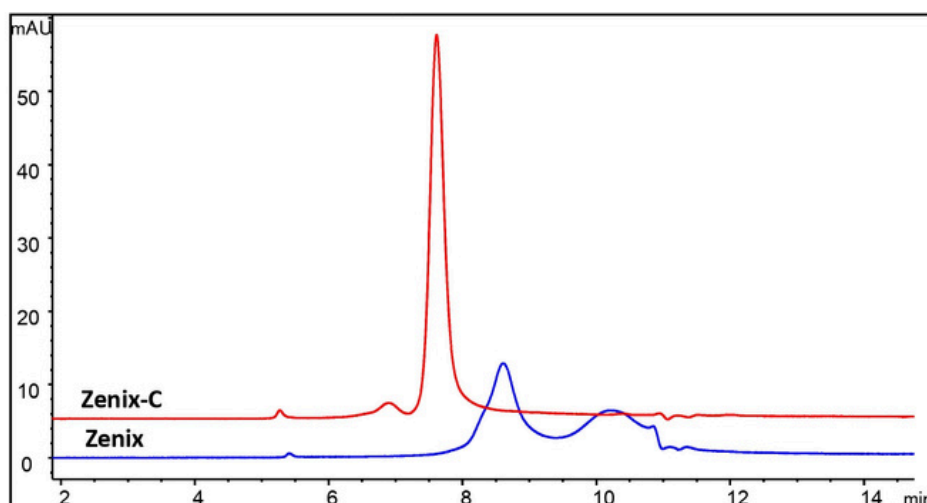
**Detector:** UV 280 nm;

**Column temperature:** 25  $^{\circ}$ C

**Injection volume:** 10  $\mu$ L;

**Samples:** Herceptin-lysine drug conjugate 2.05 mg/m

### Antibody drug conjugate Analysis on Zenix-C 300



**Column:** Zenix SEC-300 ( 3  $\mu$ m, 300  $\text{\AA}$ , 7.8 x 300 mm)

**Mobile phase:** 150 mM phosphate buffer, pH 7.0;

**Flow rate:** 1 mL/min;

**Detector:** UV 280 nm;

**Column temperature:** 25  $^{\circ}$ C

**Injection volume:** 20  $\mu$ L;

**Samples:** 1.68 mg/mL ADC

# SRT SEC-750

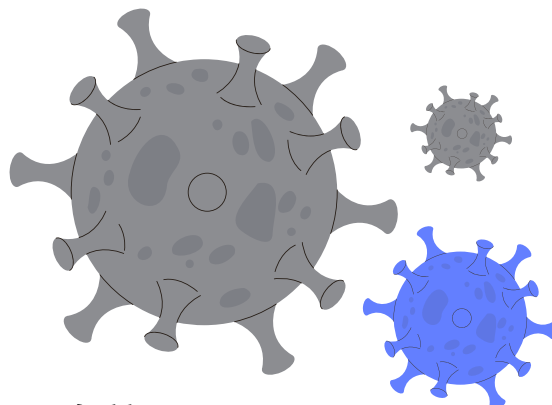


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腺相關病毒 (AAV) 專用管柱

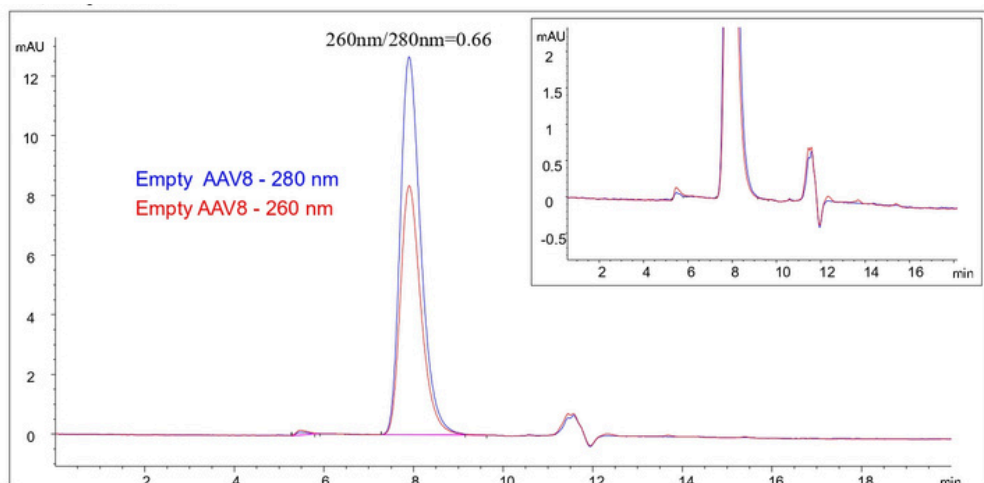
## 產品特點:

1. 專為腺病毒研究所研發的管柱。
2. 高解析度以及高樣品負載能力。
3. 純化時提供高回收力。
4. 可提供製備規格。
5. 獨特750Å孔洞設計,可同時分析大分子以及小分子蛋白質。



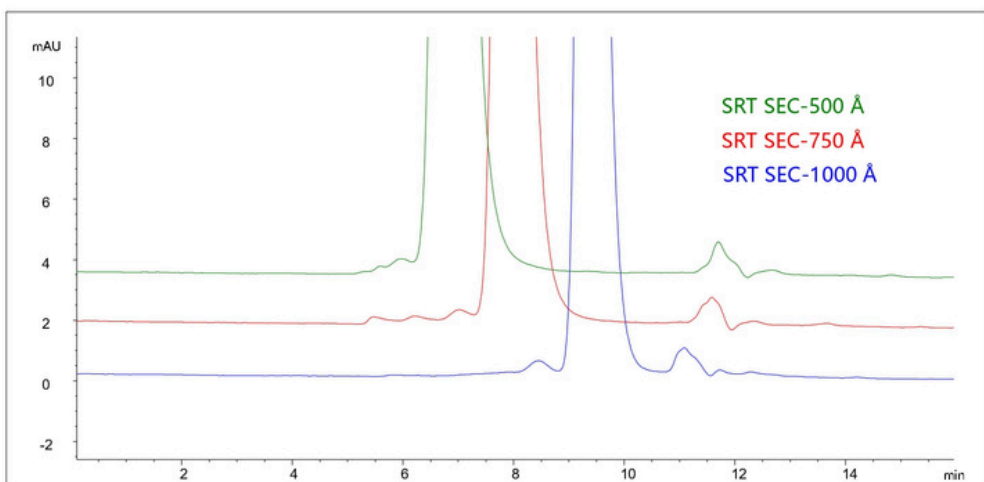
## 應用資料:

### AAV8 Empty Capsid Ratio 260/280



**Column:** SRT SEC-750 Å, 5 µm, 4.6 x 300 mm;  
**Mobile Phase:** 1.8X DPBS with 10% Ethanol;  
**Flow Rate:** 0.35 mL/min  
**Column Temperature:** 25 °C  
**Injection Volume:** 10 µL;  
**Detector:** UV 260nm, 280nm  
**Sample:** AAV8

### AAV8 Pore Size Comparison



**Column:** SRT SEC-750 Å, 5 µm, 4.6 x 300 mm;  
**Mobile Phase:** 1.8X DPBS with 10% Ethanol;  
**Flow Rate:** 0.35mL/min;  
**Column Temperature:** 25 °C  
**Injection Volume:** 10 µL;  
**Detector:** UV 260nm, 280nm;  
**Sample:** AAV8

# Generik® 玻璃空管

適用於大量的樣品前處理



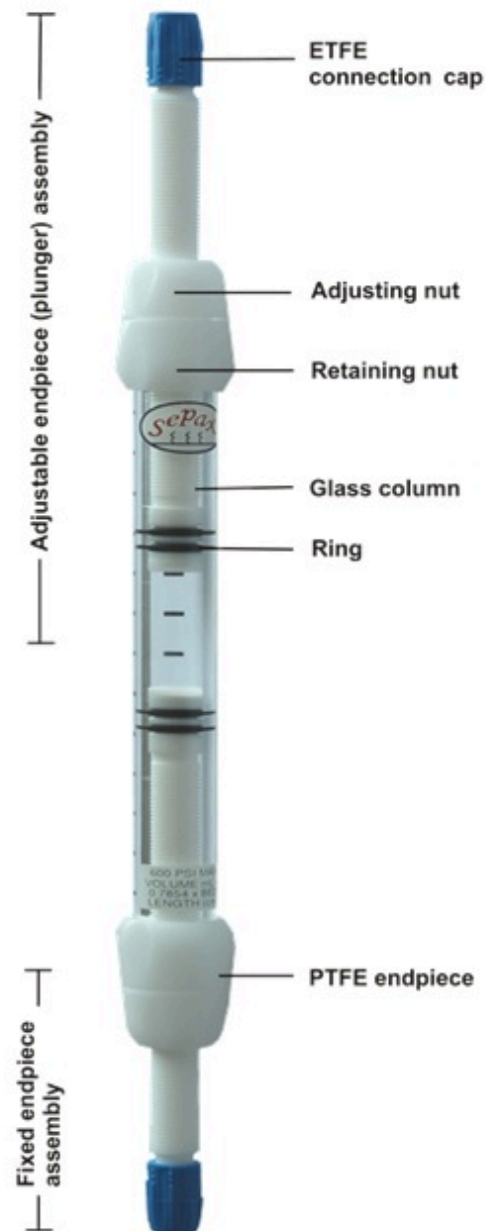
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## 產品特點：

1. 耐高壓高達900 psi (60 bar)。
2. 兩端可調整螺旋頭設計, 填充更緊密。
3. 多樣的規格滿足各種填充需求。
4. 溶劑相容性可與大多數用於FPLC純化的溶劑兼容。

## 產品規格：

Operating Parameters:	
Operating temperature:	4-30°C
pH stability:	1-14
Chemical stability:	Resistant to aqueous solutions and most solvents used in liquid chromatography. Not resistant to acetone, ketones, chlorinated hydrocarbons, aliphatic esters, phenol, >10% NaOH, > 10% HCl, > 5% acetic acid, or strong mineral acid.
Materials:	
Glass column	Borosilicate glass
Endpiece	PTFE
Frit (bed support)	PE
O-Ring	FKM/FPM
Adjusting nut and retaining cap	Acetal
Connection cap and fitting nuts	Glass-filled polypropylene
Operating pressure:	
ID-6.6mm	900 psi (60 bar)
ID-10mm	600 psi (40 bar)
ID-15mm	300 psi (20 bar)
ID-25mm	150 psi (10 bar)
ID-35mm	150 psi (10 bar)
ID-50mm	100 psi (6.7 bar)

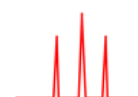


### 3 configurations to choose from

AF: One fixed endpiece and one adjustable endpiece

AA: Two adjustable endpieces

FF: Non-adjustable with two fixed endpieces



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