



## Analysis of Vaccine Sample by Sepax SRT SEC-2000 Column

### THE CHALLENGE:

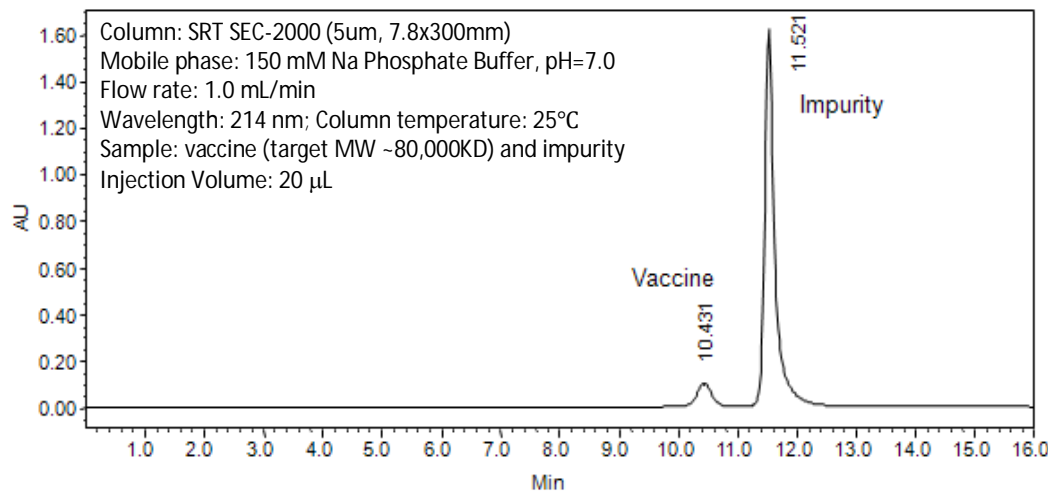
SEC column with large pore size to achieve high resolution separation of vaccine and biological matrix?

### THE SOLUTION:

**Sepax SRT SEC-2000**  
(SRT, 5 $\mu$ m, 2,000Å 7.8x300mm)

Delivers high resolution separation of vaccine from smaller MW impurity or biological matrix. With SRT SEC-2000, finally SEC can be used for extremely large sized particle separation (MW>10,000,000), such as virus or large protein.

Got a wide range of MW proteins, virus, and vaccines to separate? Sepax offers wide ranges of pore size choices: 2000, 1000, 500, 300, 150, and 100Å. Benefiting from wide pore size selection, two columns of different pore sizes in tandem will increase resolution in your specific MW region of interest? For example, if sample mixture MW ranges from 150,000 to >10,000,000, by running two columns of SRT SEC-500 and SRT SEC-2000 7.8x300mm in tandem, higher separation capacity and resolution can be achieved.

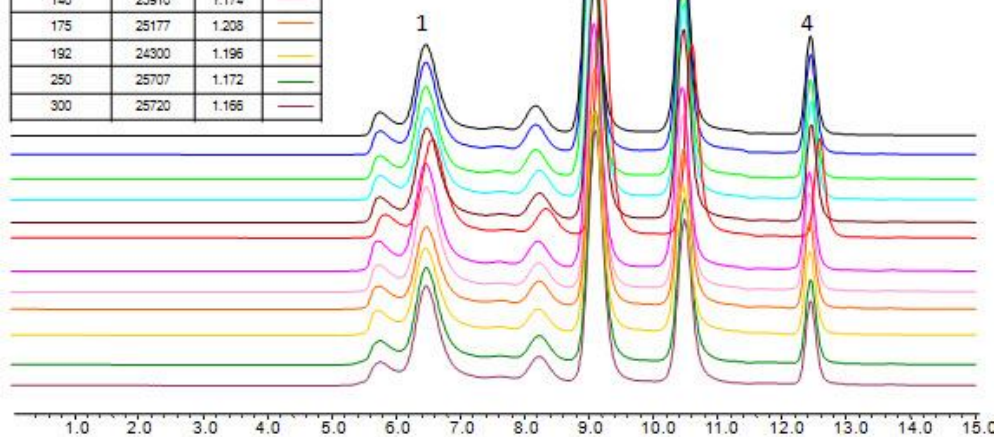


Injection No.	Efficiency	Tailing	Line
1	26512	1.192	—
2	25969	1.183	—
3	26182	1.180	—
10	25682	1.190	—
20	25872	1.194	—
64	25811	1.187	—
102	25776	1.170	—
140	25910	1.174	—
175	25177	1.208	—
192	24300	1.195	—
250	25707	1.172	—
300	25720	1.166	—

### SRT Stability - 300 Injections

1. Thyroglobulin
2. BSA
3. Ribonuclease A
4. Uracil

SRT-300 (5 $\mu$ m, 7.8x300mm)  
 150 mM Phosphate, pH 7.0  
 Flow Rate: 1.0 mL/min  
 Wavelength: 214 nm  
 Injection: 10  $\mu$ L



### Order Information

PN: 215980-7830    SRT SEC-2000, 5 $\mu$ m, 2000Å, 7.8x300mm

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