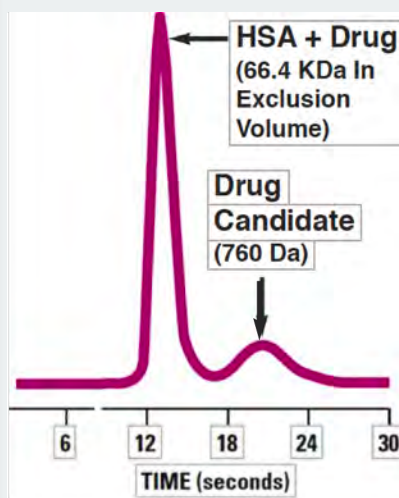


# Drug-Protein Conjugate Screening

## Fast SEC-RPC Columns:

- Isolate conjugates in about 20 seconds.
- Use as little as 10 nM of sample.
- Non-interactive even with weak binding constants.
- Separate conjugates and small solutes using a >1 KDa exclusion limit (60Å).
- Separate conjugates and larger solutes using a >50 KDa exclusion limit (200Å).
- Couple to TARGA® columns for LC-MS.



### CONDITIONS

Column: PolyHYDROXYETHYL A™  
2.1 x 35 mm  
Mobile Phase: 50mM NaPO<sub>4</sub>, pH 7.2  
with 2% DMSO (v/v)  
Flow Rate: 0.4 mL/min  
Sample: 2 µL with 50 µM of each  
solute

Data courtesy of Krishna Kalghargi  
NeoGenesis Inc.

### SEC

P052HY05006  
P052HY0302

2.1 x 50mm, 5µm, 60Å  
2.1 x 50mm, 3µm, 200Å

### RPC

TS-05M3-C185  
TS-05M5-C185  
TS-0501-C185

0.3 x 50 mm, 5µm  
0.5 x 50 mm, 5µm  
1.0 x 50 mm, 5µm

PolyHYDROXYETHYL A™ is a trademark of PolyLC, Inc.  
TARGA® is a registered trademark of Higgins Analytical, Inc.

