Save 15% Off
New TSKgel UP-SW3000 UHPLC Columns

Limited Time Offer!
To receive 15% off when ordering TSKgel UP-SW3000 columns, use promo code 536. Offer valid in USA and Canada only.
Offer expires March 31, 2016.

TSKgel® UP-SW3000, 2 µm UHPLC/HPLC SEC Columns

TSKgel UP-SW3000, the new 2 micron UHPLC column with 25 nm pore size, is the latest addition to the renowned TSKgel SW series. TSKgel UP-SW3000 represents the fifth generation of high performance gel filtration columns. They feature the same pore size as the well-established TSKgel G3000SWXL and facilitate method transfer from conventional gel filtration to UHPLC technology. The 15 cm column is used to shorten analysis time while maintaining resolution. The 30 cm column delivers dramatically increased resolution between fragments, monomers, and aggregates as seen in Figure 1.

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Description</th>
<th>Pore Size</th>
<th>Particle Size</th>
<th>Dimension (L x I.D.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>80023449</td>
<td>TSKgel UP-SW3000</td>
<td>250 Å</td>
<td>2 µm</td>
<td>15 cm x 4.6 mm</td>
</tr>
<tr>
<td>80023448</td>
<td>TSKgel UP-SW3000</td>
<td>250 Å</td>
<td>2 µm</td>
<td>30 cm x 4.6 mm</td>
</tr>
<tr>
<td>80023450</td>
<td>TSKgel Guard Column UP-SW3000</td>
<td>250 Å</td>
<td>2 µm</td>
<td>2 cm x 4.6 mm</td>
</tr>
<tr>
<td>80023451</td>
<td>TSKgel Guard Column UP-SW3000 DC*</td>
<td>250 Å</td>
<td>2 µm</td>
<td>2 cm x 4.6 mm</td>
</tr>
</tbody>
</table>

Figure 1. Comparison of Mab Analysis Using TSKgel G3000SWXL and UP-SW3000 Columns

- columns: TSKgel G3000SWXL, 30 cm x 7.8 mm I.D., 5 µm and TSKgel UP-SW3000, 30 cm x 4.6 mm I.D., 2 µm
- mobile phase: 0.2 mol/L potassium phosphate/0.25 mol/L KCl, pH 6.2
- flow rate: top: 0.5 mL/min; bottom: 0.35 mL/min
- column temp: top: 40 °C; bottom: 25 °C
- detection: UV @ 280 nm
- injection vol: top: 30 µL; bottom: 10 µL
- instruments: top: Agilent 1260; bottom: Dionex UltiMate 3000RS UHPLC System

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