What is the real cost of your aggregation analysis method?

When you're calculating cost per run, you need to consider more than just the price of your HPLC column. You also have to factor in speed of analysis—and your ability to deliver data to deadlines.

You can maximize your time and cost savings—while ensuring high resolution and accurate quantitation—by switching from traditional diol SEC columns to the new Agilent AdvanceBio SEC columns.

Still not certain? See the proof below.

The new AdvanceBio SEC technology delivers up to 75% faster run times with shorter column dimensions.

This data was calculated with the following assumptions:

• Labor cost: $125/hour
• Mobile Phase cost: $12.50/L
• Two week redevelopment cost of $14,000 based on labor cost.
Agilent AdvanceBio SEC columns improve productivity with:

- Better resolution for more accurate quantitation
- Less risk of clogging or shear degradation of samples
- Shorter run times, so you can meet important deadlines
- Excellent size separation over a wide range of sample types
- Increased reproducibility and fewer sample reruns
- Longer column lifetime

Ordering information

**Agilent AdvanceBio SEC columns**
The latest technology for SEC analysis of monoclonal antibodies, proteins, and peptides.

<table>
<thead>
<tr>
<th>Description</th>
<th>130Å</th>
<th>300Å</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Analytical columns</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.6 x 300 mm, 2.7 µm</td>
<td>PL1580-5350</td>
<td>PL1580-5301</td>
</tr>
<tr>
<td>4.6 x 150 mm, 2.7 µm</td>
<td>PL1580-3350</td>
<td>PL1580-3301</td>
</tr>
<tr>
<td>7.8 x 300 mm, 2.7 µm</td>
<td>PL1180-5350</td>
<td>PL1180-5301</td>
</tr>
<tr>
<td>7.8 x 150 mm, 2.7 µm</td>
<td>PL1180-3350</td>
<td>PL1180-3301</td>
</tr>
<tr>
<td><strong>Analytical guards</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.6 x 50 mm, 2.7 µm</td>
<td>PL1580-1350</td>
<td>PL1580-1301</td>
</tr>
<tr>
<td>7.8 x 50 mm, 2.7 µm</td>
<td>PL1180-1350</td>
<td>PL1180-1301</td>
</tr>
</tbody>
</table>

**Agilent AdvanceBio SEC protein standards**
Uniquely designed for optimal calibration and performance verification of your Agilent SEC column.

<table>
<thead>
<tr>
<th>Description</th>
<th>Size</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AdvanceBio SEC 130Å protein standard</td>
<td>1.5 mL vial</td>
<td>5190-9416</td>
</tr>
<tr>
<td>AdvanceBio SEC 300Å protein standard</td>
<td>1.5 mL vial</td>
<td>5190-9417</td>
</tr>
</tbody>
</table>

Learn more
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