Got Purification Troubles?
Minimize On-Column Aggregates during mAb Purification

The Challenge
Have you seen two-peak elution of target monoclonal antibodies (mAb) after cation exchange (CEX) chromatography? The second elution peak consists of a mixture of monomers and aggregates of your target mAb and it leads to a decrease in your process yield.

Purification Tip
Choosing the optimal resin for your process will minimize on-column aggregates and maximize recovery. Be sure to screen multiple resins during your mAb purification process development.

Our Approach
On-column aggregate formation depends on the specific chromatography resin used. Resin structure, surface extenders, pore size and distribution each contribute to on-column aggregate formation. Bio-Rad’s Nuvia™ HR-S Resin — a strong cation exchanger with a pore size of 50 µm without surface extenders — minimizes on-column aggregates. Nuvia HR-S generates only 10% aggregate formation relative to competing resins under similar experimental conditions.

Go to bio-rad.com/Nuvia-HR-S and explore Nuvia HR-S.
## Innovative Products. Customized Solutions.

### Nuvia™ HR-S Resin

Nuvia HR-S will put you on the path to:
- Sharper elution peaks
- Maximized process recovery
- Higher resolution between charge variants
- More robust process development

Go to [bio-rad.com/Nuvia-HR-S](http://bio-rad.com/Nuvia-HR-S) and explore Nuvia HR-S.

<table>
<thead>
<tr>
<th>Ordering Information</th>
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<tr>
<td>Catalog #</td>
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<td>732-4707</td>
<td>Foresight Nuvia HR-S Plates, 2 x 96-well, 20 μl</td>
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<td>732-4831</td>
<td>Foresight Nuvia HR-S RoboColumn Unit, 200 μl</td>
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### Services and Support

We offer multiple service and support levels to deliver solutions tailored to your needs.
- Method development
- Process development
- Custom resins
- Column packing support
- Global technical support

### Global Supplier

We are a global supplier of process resins with more than 30 support sites across six continents. Contact your regional Bio-Rad Process Chromatography Specialist at [process@bio-rad.com](mailto:process@bio-rad.com) or call our customer service at 1-800-4-BIORAD (1-800-424-6723). Connect with us for the latest product information.

[linkedin.com/company/bio-rad](https://www.linkedin.com/company/bio-rad)
[twitter.com/bioradlifesci](https://twitter.com/bioradlifesci)

### Screen Our Process Resins Today

Go to [bio-rad.com/ResinSample](http://bio-rad.com/ResinSample) and request a sample today.

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