

## Validation columns

### Product Information

<b>Cat#No#</b>	Va-058P
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### Product Overview

Validation columns are high-quality, prepacked, scale-down columns for robust and reproducible process validation and process development.

### Characteristic

Excellent dimensions for scale-down studies—10 mm inner diameter and 20 cm bed height.

High-quality packing—prepared by our packing experts to support reproducible and robust studies.

Prepacked with the most commonly used BioProcess resins.

Results of Analysis certificate available for each individual column—includes column performance testing such as asymmetry and efficiency.

Developed together with biopharmaceutical experts to ensure optimal function for scale-down studies such as viral clearance.

### Matrix

High-flow agarose

### Particle Size

36-44 µm

### Recommended column height

20 cm

### pH working range

2 to 14

### CIP stability

4 to 12

### Storage

4°C to 30°C, 20% ethanol + 0.2 M sodium acetate

## Validation columns

### Pack size

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