

Provantage® Services

Chromatography Column Packing Services

Reliable, Consistent Chromatography Column Packing

In the biopharmaceutical industry, packing a new resin into a column can be challenging, especially due to the amount of training required. To help you stay ahead in today's demanding and competitive production environment, our Provantage® Services group provides unparalleled support for chromatography column packing with our resins.

Our skilled and trained engineers have years of chromatography experience and are able to provide robust support for downstream processing operators and supervisors.

Our Provantage® Services are designed to address all of your service needs. It is our mission to provide the highest levels of support – to help you achieve the operational results you need throughout process development, scale-up and production.

Coupling your internal capabilities with our world-class process development and manufacturing consulting and implementation services, we can solve your business challenges where and when you need it.

Benefits

- Our team of experts will support your column packing requirements, saving you time and reducing packing inconsistency by specifically training your operators on your unique packaging requirements.
- Services are executed by our certified engineers with over 10 years of experience, ensuring optimum packing performance.
- Reports are available for fast and reliable on-site implementation, supported by experts including process engineers, scientists, applications engineers, technology and unit operation specialists from around the globe.
- Turnkey implementation in your facility from 10 mm to 2000 mm for quick set-up and implementation.



QuikScale® Column

The Provantage® Chromatography Column Packing Service Approach

Our approach revolves around your specific needs and requirements so that we can best address your concerns.

Our chromatography column packing service is tailored to solving your chromatography challenges, saving you significant time, as there is no need to run multiple trials before a usable packed column is obtained.

In order to help us understand your specific needs, we will send you an application questionnaire that will inquire about your column size, chromatography system, bed height and which resin you are using.

Once we receive the completed questionnaire, we will send you the appropriate protocol for your chromatography column packing service.

Our team of experts will meet with your team so that together we can determine who will be servicing your product onsite. In addition, we will send a letter prior to the service, listing all of the tools, materials and expendables you will need to prepare before our engineer arrives.

Once the chromatography column packing service has been performed, our engineer will create an intervention report providing Height Equivalent to a Theoretical Plate (HETP) and Asymmetric Factor (AF) values for your specific packing for your approval and signature.

Our Chromatography Column Packing service includes:

- Column packing protocol
- Column performance determination
- Pressure flow curve
- Recommendations



Ordering Information: Chromatography Column Packing Service

Media	Column Diameter		
	10 - 50 mm	50 - 630 mm	440 - 2000 mm
Merck Millipore media in Merck Millipore chromatography columns			
Fractogel®	SSA CC PA01	SSA CC PA02	SSA PC PA03
Eshmuno®	SSA CC PA07	SSA CC PA08	SSA PC PA09
ProSep®	SSA CC PA13	SSA CC PA14	SSA PC PA15
Merck Millipore media in other chromatography columns *			
Fractogel®	SSA CC PA18	SSA CC PA19	SSA PC PA20
Eshmuno®	SSA CC PA24	SSA CC PA25	SSA PC PA26
ProSep®	SSA CC PA30	SSA CC PA31	SSA PC PA32

*Subject to validation by Merck Millipore



Isopak® Column

To Place an Order or Receive Technical Assistance

In Europe, please call Customer Service:

France: 0825 045 645

Germany: 01805 045 645

Italy: 848 845 645

Spain: 901 516 645 Option 1

Switzerland: 0848 645 645

United Kingdom: 0870 900 4645

For other countries across Europe,
please call: +44 (0) 115 943 0840

Or visit: www.merckmillipore.com/offices

For Technical Service visit:

www.merckmillipore.com/techservice



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