



Column Packing Service

Guaranteed Well Packed Columns

Column chromatography is being extensively used as a tool for purifying biomolecules from complex mixtures. Chromatography resins and gels are often purchased in bulk and packed by the end user. While packing a Superflo® column is relatively easy, however, it is a labor-intensive process that utilizes personnel and resources better used elsewhere.

Sepragen has recognized these issues and now offers Column Packing Services.

Under this program, Sepragen will pack the Superflo® columns or Wedge® or the Wedge® HiRes columns with either Sepragen's Sepraflo® Ion Exchange resins or customer-supplied resin as required for your application.

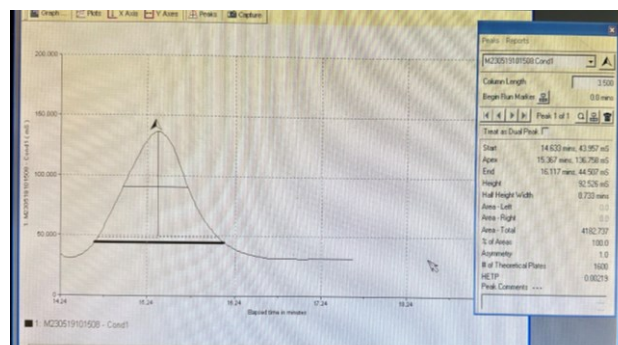
Since column packing can be both difficult and time-consuming, Sepragen's Technical Support specialists can speed up your chromatography development project, process development, or screening protocol, and reduce risk by packing your columns with any chromatography resins. If you need a chromatography resin that is not available in a prepacked column, let us pack the column of your choice. This permits simple linear scale-up of your bioprocess from lab scale axial columns to large-scale radial flow chromatographic columns.



50ml Column packed with Q Sepharose and hetp run on the QuantaSep Trusty 100 with an asymmetry factor of 1



20 ml, 10 cm bed depth Wedge Column



The Benefit of Using Packing service

- **Consistency in Performance.** For each pre-packed column Sepragen will test HETP, Peak Asymmetry and additional properties upon request.
- **Fast turnaround time**
- **Cost Savings** using available bulk resins in a easy to use pre-packed column format
- **World class customer service.**
- **Scientists can do science and are not trapped in the tedium of column packing.**
- **Flexibility** Sepragen can pack in several column formats with virtually any resin.
- **Chemical compatibility** Sepragen products are compatible with typical aqueous buffers. For organic capabilities please inquire
- **World class customer service.**



100L Superflo® Column packed and validated with the Chromopack® Packing skid



10L Superflo® Column packed manually with Sepaflo® Q resin



Packing Support

At Sepragen you have several options for packing of Radial Flow columns. We offer:

- We offer training on how to pack Superflo® Radial Flow columns
- For those who prefer to learn online, we offer demonstration via Videos on how to pack Superflo® Radial flow and Wedge® columns
- We offer Pre Packed Superflo, Wedge and Wedge® HiRes columns packing videos
- We also assist with the packing of Superflo® Radial Flow column packing for standard resins listed below.
- Custom packing is also possible for other resins.
- Sepragen also offers the Chromopack® Automated packing systems to pack Superflo® Radial Flow Columns.

A partial list of Resins Sepragen has used

Affinity

- AVB Sepharose® HP
- Captiva®
- MabCapture™ A
- MabSelect SuRe™ and SuRe™ LX
- MabSelect™
- POROS™ CaptureSelect
- Praesto® AP, Jetted A50

IEX/Multimodal

- Capto™ IEX SP and Q
- Capto™ adhere, Phenyl,
- CHT™ 40µm, 80µm Type I, Type II
- Fractogel® TMAE, SO3-, COO, DEAE
- Fractogel® TMAE HiCap and SE HiCap
- Eshmuno®: CPX and HCX
- Purolite®: SP 45, Q65, Q90
- Sepharose® FF: SP, Q, DEAE
- Sepharose® FF: Butyl and Phenyl
- Sepaflo® IEX S and Q
- Toyopearl® 650M: Q
- Toyopearl® 600M: Butyl, Phenyl, PPG
- UNOsphere™: S and Q

To learn more call:

(510) 475-0650, E-mail: info@sepragen.com