adsept™ Process Technology

High Performance Disposable Capture Chromatography

Natrix Separation's patented ***adsept***™ technology combines the high resolution and binding capacity typical of chromatographic resins with the speed and ease of use of membranes.

adsept™ Process Technology combines Natrix's industry-leading binding capacities with the disposability, high throughput, scalability and ease of use of membrane capsules and cartridges.

Benefits

Superior Performance

- Higher binding and throughput than resins
- Inherently hydrophilic and resistance to fouling
- Scalable from lab to process to commercial

Easy to use disposable formats

- Single use capsules
- Multicycle cartridges
- Minimize batch to batch cross contamination

Cost Competitive with reusable resins

- Low hold-up volume
- Capable of processing highly concentrated load samples, reducing buffer usage
- Eliminate column cleaning, equilibration and storage in expensive buffers

Chemistry

adsept Q membranes are strong anion exchangers with high binding capacities for negatively-charged proteins and large biomolecules such as DNA, viruses and plasmids.

The Q chemistry is well suited to purification and polishing applications

adsept S membranes are strong cation exchangers with high binding capacities for positively-charged proteins, salts and metal ions.

The S chemistry is well suited to primary purification/capture of recombinant proteins

5295 John Lucas Drive, Unit #6, Burlington, ON, Canada L7L 6A8, Toll Free: 1.866.990.6972