Stratech

BioToolomics

High Capacity High Throughput

Accelerating Your Purification Process

LRQA CERTIFIED ISO 9001-2015 UKAS MANAGEMENT SYSTEMS 0001

Hydrophobic Interaction Chromatography (HIC) Media

Butyl SepFast 4HF,
Butyl-S SepFast 4HF,
Butyl SepFast 6HF
Butyl SepFast Large Beads
Butyl SepFast HighRes

Octyl SepFast 4HF
Octyl SepFast Large Beads
Octyl SepFast HighRes

Phenyl SepFast 4HF
Phenyl SepFast 6HF
Phenyl SepFast 6HF (high sub)
Phenyl SepFast Large Beads
Phenyl SepFast HighRes

The Unique Selling Points

- ***More choices of HIC media than other suppliers***
- ***Strong technical support***
- ***Scalable bioprocess media***

BioToolomics offers HIC media with hydrophobic ligands covering the whole hydrophobicity range commonly used for biomolecule purifications.

The base matrix is made of highly cross-linked agarose showing excellent flow properties. They are specially designed for the purification of biological molecules based on their hydrophobicity profiles.

HIC is a versatile technique and could show high selectivity to individual molecules according to their exposed hydrophobic zones. It is particularly useful for intermediate and final-stage purifications. A HIC medium normally binds at moderate to high salt concentrations. It is logical to place HIC step after an IEX step where molecules are usually eluted at high salt conditions.

HIC media shows much milder purification conditions than reversed phase chromatography (RPC) media. Better biological activity could be maintained in HIC operations than RPC operations.

Generally speaking, the longer the carbon chain, the higher the surface hydrophobicity. Researchers, process developers and manufacturers have the chance to choose the best HIC medium for their applications. .

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