



## Agarose-based Ion-Exchange Chromatography Media

### The Unique Selling Points

- **High binding capacity at high flow velocity**
- **Broad choices**

#### SepFast DUO (150, 5000, 7000, 10000) Q, DEAE, S, CM

The above media has dual functionalities: size-exclusion shell and ion-exchange ligand in the core.

This range of ion-exchange media has unique selectivity by size exclusion effect at the out shell. SepFast DUO 150 range is particularly designed to remove impurities from antibody in flow-through mode. SepFast DUO 5000, 7000 and 10000 range can be used to purify vaccines, viruses, VLPs, exosomes, vesicles, nanoparticles etc in either bind-elute mode or flow-through mode.

#### SepFast Ultra 35Q (35 $\mu\text{m}$ )

The above media is suitable for purify oligonucleotides at process scale. The bead can hold up to 20 bar column pressure and can be operated at increased temperature (e.g. 60°C).

#### Q, DEAE, SP, CM SepFast 6HF (50-150 $\mu\text{m}$ )

The above media is standard process ion-exchange media made of highly cross-linked 6% agarose. They have good binding capacity and excellent flow property for general protein purifications at reduced cost. Good replacement of Sepharose Fast Flow

#### Q, DEAE, SP, CM SepFast 6HF Plus (50-150 $\mu\text{m}$ )

The above media has much increased dynamic binding capacity (DBC) with high binding kinetics. They are particularly designed for large-scale high throughput capturing or intermediate purification applications with much improved productivities.

#### Q, DEAE, S, CM SepFast HighRes (20-50 $\mu\text{m}$ )

The above media is designed specifically for those purification applications that require high resolutions.

#### Q, DEAE, S, CM SepFast HighRes Plus (20-50 $\mu\text{m}$ )

High resolution with high binding capacity

#### Q, DEAE, S, CM SepFast Large Beads (150-350 $\mu\text{m}$ )

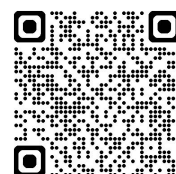
Excellent flow properties for processing viscous or cell-containing broth

#### Q, DEAE, S, CM SepFast Large Beads Plus (150-350 $\mu\text{m}$ )

Much increased dynamic binding capacity at high flow velocity

#### SepFast Macro Q, S

The above media is designed specifically for the purification of macro-molecules such as pegylated proteins. This type of media offers both high resolutions and high protein loading capacities.





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