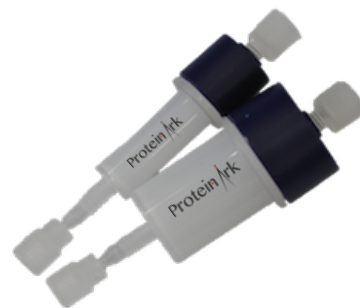


HiFliQ Q-type FPLC Columns Datasheet

Protein Ark HiFliQ columns pre-packed and ready to use with Quaternary ammonium group (Q) coupled Agarose resin for rapid Ion Exchange (IEX) purification of negatively charged proteins under native conditions.



Available in 1 ml and 5 ml HiFliQ column sizes with high ligand density and high binding capacity. Compatible with all common chromatography HPLC and FPLC instruments (including ÄKTA™ FPLC's), and low pressure pumps and syringes using an appropriate adaptor.

Specification:

Item:	HiFliQ1 Q-type IEX	HiFliQ5 Q-type IEX
Column Volume:	1 ml	5 ml
Resin:	Quaternary ammonium Agarose	Quaternary ammonium Agarose
Typical Binding Capacity:	50-70 mg	250-300 mg
Base Matrix:	6% cross-linked Agarose	6% cross-linked Agarose
Mean Bead Size:	90 µm	90 µm
Recommended flow rate:	1 ml/min	1-6 ml/min
Max. operating pressure:	0.5 MPa (72 psi)	0.5 MPa (72 psi)
External Dimensions:	15 mm D. x 80 mm H.	23 mm D. x 80 mm H.
Column Construction:	Polypropylene	Polypropylene
Inlet Port:	10-32 (1/16") Female	10-32 (1/16") Female
Outlet Port:	10-32 (1/16") Male	10-32 (1/16") Male
Storage (2-30°C):	20% ethanol	20% ethanol

Ordering Information:

Product	Volume	Order Code
1 ml HiFliQ Q FPLC column (1 x 1 ml)	1 x 1ml	HiFliQ1-Q-1
1 ml HiFliQ Q FPLC columns (5 x 1 ml)	5 x 1ml	HiFliQ1-Q-5
5 ml HiFliQ Q FPLC column (1 x 5 ml)	1 x 5 ml	HiFliQ5-Q-1
5 ml HiFliQ Q FPLC columns (5 x 5 ml)	5 x 5 ml	HiFliQ5-Q-5

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