

HiFliQ Ni-NTA FPLC Columns Datasheet

Protein Ark's HiFliQ Ni-NTA FPLC columns pre-packed and ready to use with pre-charged Nickel-NTA Agarose resin for affinity purification of poly-histidine tagged recombinant proteins by immobilized metal ion affinity chromatography (IMAC).

The Ni-IMAC provides high binding capacity with minimal Ni²⁺ leakage. Compatible with all common chromatography instruments (including ÄKTA™ FPLC's) and a wide range of reducing agents, detergents and other buffer additives.



Specification:

Item:	HiFliQ1-NiNTA	HiFliQ5-NiNTA
Column Volume:	1 ml	5 ml
Resin:	Super Ni-NTA Agarose	Super Ni-NTA Agarose
Typical Binding Capacity:	50-75 mg	250-300 mg
Base Matrix:	7.5% cross-linked Agarose	7.5% cross-linked Agarose
Mean Bead Size:	40 µm	40 µm
Recommended flow rate:	1 ml/min	1-5 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 (2-8°C):	20% ethanol	20% ethanol

Ordering Information:

Product	Units	Order Code
1 ml HiFliQ Ni-NTA FPLC column (1 x 1 ml)	1 x 1ml	HiFliQ1-NiNTA-1
1 ml HiFliQ Ni-NTA FPLC columns (5 x 1 ml)	5 x 1ml	HiFliQ1-NiNTA-5
5 ml HiFliQ Ni-NTA FPLC column (1 x 5 ml)	1 x 5 ml	HiFliQ5-NiNTA-1
5 ml HiFliQ Ni-NTA FPLC columns (5 x 5 ml)	5 x 5 ml	HiFliQ5-NiNTA-5

Distributed in Australia by LeTap Bio-Solutions

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