

Praesto® HT Columns Screening KIT

Contains a selection of Ion Exchange and Protein A modern, high-flow agarose resins in 1 ml and 5 ml bed volumes

Streamline your separations with the new Praesto HT Columns Screening KIT, pre-packed with a selection of Praesto modern, high-flow Ion Exchange and Protein A agarose resins for cost-effective, high productivity MAb purification.

The screening KIT includes columns in 1 ml and 5 ml bed volumes, and universal 1/16" connectors ensure compatibility with all commonly-used chromatography systems e.g. FPLC.

The HT Columns are constructed of polypropylene, ensuring biocompatibility.

The screening KIT includes a selection of the following Ion Exchange and Protein A modern, high-flow agarose resins:

ION EXCHANGE

- [Praesto SP45](#) HT
- [Praesto SP65](#) HT
- [Praesto SP90](#) HT
- [Praesto Q45](#) HT
- [Praesto Q65](#) HT
- [Praesto Q90](#) HT
- [Praesto Jetted SP35](#) HT
- [Praesto Jetted Q35](#) HT

PROTEIN A

- [Praesto AC](#) HT – Protein A > 50 mg hlgG/ml
- [Praesto APc](#) HT – Alkaline-stable rProtein A > 50 mg hlgG/ml
- [Praesto AP](#) HT – Alkaline-stable rProtein A > 65 mg hlgG/ml

PRINCIPAL APPLICATIONS

- Protein purification (20-500 kDa)
- MAb Purification

ADVANTAGES

- Rapid purification of MAb and recombinant proteins
- Eliminate the need for column packing
- Efficient resin screening for further optimization and verification

REGULATORY APPROVALS

- Manufactured under cGMP conditions

TYPICAL PACKAGING

- Box

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Column volume	1 ml or 5 ml resin
Connector	Universal 10.32 (1/16") UNF Threads
Column Construction	Polypropylene
Recommended Flow Rate	1 ml/min (1 ml Column) 1-4 ml/min (5 ml Column)
Max. Flow Rate	4 ml/min (1 ml Column) 20 ml/min (5 ml Column)
Max. Column Pressure	5.0 bar
Dimensions	0.7 x 2.5 cm (1 ml) and 1.6 x 2.5 cm (5 ml)
Protein A Resin Recommended Storage	(Praesto AP, APc & AC) 2 -12 °C
IEX Resin Recommended Storage	(Praesto SP & Q) 4 - 30 °C