

Praesto® HT Columns

Pre-packed with your choice of **Praesto** modern, high-flow agarose resin for cost-effective, high productivity MAb purification.

HT Columns from Purolite Life Sciences streamline your separations, and are available pre-packed with any **Praesto** Affinity or Ion Exchange Chromatography agarose resin.

Columns are available in 1 ml and 5 ml bed volumes, with a 2.5 cm bed height. HT Columns are compatible with all commonly-used chromatography systems, due to universal 1/16" connectors.

HT Columns are constructed of polypropylene, preventing interaction with biological molecules and ensuring biocompatibility.

Key Performance Benefits

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



Praesto HT Columns: Physical and Chemical Characteristics

Column Volume	1 ml or 5 ml resin	
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	
Connector	Universal 10.32 (1/16") UNF Threads	
Dimensions	0.7 x 2.5 cm (1 ml) and 1.6 x 2.5 cm (5 ml)	
Protein A Resin Recommended Storage (<i>Praesto AP, APc & AC</i>)	2°C to 12°C	
IEX Resin Recommended Storage (<i>Praesto SP & Q</i>)	4°C to 30°C	

Ordering Information

To place your order simply contact us using the information at the bottom of this page and quote your order number from the table below.

If you wish to discuss your purification challenges with a specialist, we have dedicated experts on-hand across the globe to provide knowledgeable, same-day technical assistance.

Praesto HT Columns		
RESIN TYPE	ORDER NO. & COLUMN VOLUME	
ION EXCHANGE	1ml Column	5ml Column
<i>Praesto</i> SP45 HT	PR00242-275*	PR00242-276
<i>Praesto</i> SP65 HT	PR00262-275*	PR00262-276
<i>Praesto</i> SP90 HT	PR00292-275*	PR00292-276
<i>Praesto</i> Q45 HT	PR00246-275*	PR00246-276
<i>Praesto</i> Q65 HT	PR00266-275*	PR00266-276
<i>Praesto</i> Q90 HT	PR00296-275*	PR00296-276
PROTEIN A		
<i>Praesto</i> AC HT – rProtein A > 50 mg hlgG/ml	PR00200-275	PR00200-276
<i>Praesto</i> APc HT – Alkaline-stable rProtein A > 50 mg hlgG/ml	PR00310-275	PR00310-276
<i>Praesto</i> AP HT – Alkaline-stable rProtein A > 65 mg hlgG/ml	PR00300-275	PR00300-276

*1ml HT columns packed with Ion Exchange resins available in packs of 5 only

The Praesto Range

The *Praesto* range offers a selection of modern, high-flow Affinity and Ion Exchange agarose resins, delivering exceptional results from Protein A to high-resolution polishing steps.

All *Praesto* products provide an advanced, high-flow, highly cross-linked agarose base matrix. The entire range benefits from excellent pressure/flow characteristics and stability for optimal recovery of active proteins.

Discover *Praesto* at: www.purolite.com/life-sciences

