PRODUCT DATA SHEET

Praesto® APc

Highly Cross Linked Agarose Protein A Affinity Resin

Praesto APc is an agarose-based Protein A resin designed on a novel, high-flow base matrix. It addresses today's clinical trial material demands for high productivity together with cost-effective MAb capture, and is purpose-designed and evaluated for phase I and II clinical trials, where typically less than 20 reuse cycles are performed.

Click here for a scientific paper, benchmarking our Praesto AP Protein A resin, against others on the market. Performed by an independent third party and published by the Journal of Chromatography A.

For common queries relating to our Protein A resins, please visit our FAQs page or contact a specialist

PRINCIPAL APPLICATIONS

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

ADVANTAGES

- High productivity
- Alkaline stable
- Very high dynamic binding capacity
- Enhanced pressure/flow performance
- Low protein A leaching
- Secure, validated supply and regulatory support

REGULATORY APPROVALS

- Manufactured under cGMP conditions

TYPICAL PACKAGING

- Bulk Resin
- Production-Scale OPUS® Columns
- OPUS® Robocolumns®
- OPUS® MiniChrom Columns
- HT Columns

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Highly cross linked agarose
Appearance	Spherical beads
Functional Group	Protein A
Particle Size - µm	85 µm
Dynamic Binding Capacity (min.)- 3 minutes residence time	35 hIgG/ml
Pressure/flow (min.) - at 3 bar in a 2.6 x 20 cm column (pressure-packed at 4 bar)	500 cm/h
pH stability, CIP (short term)	2 - 12
pH stability, working range	3 - 10
Recommended Storage	2 - 8 °C

Purolite® Life Sciences

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Recommended Storage	20% ethanol

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