

# Praesto® AC

**Highly Cross Linked Agarose  
Protein A Affinity Resin**

Praesto AC is a Protein A resin designed for high productivity, cost-effective MAb capture. It combines good capacity, excellent pressure/flow performance and NaOH CIP stability for up to 20 cycles, meeting common requirements for production PI and PII clinical trial materials. Praesto AC can also be used in small scale MAb purification, purification of MAbs for diagnostics, in process development and in pre-clinical processes.

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
- High dynamic binding capacity
- Enhanced pressure/flow performance
- NaOH CIP stability for up to 20 cycles
- 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	25 hlG/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

