

Praesto® SP

Agarose Highly Cross Linked
Strong Cation Exchanger

Praesto SP is an agarose-based strong cation exchange resin designed for biomolecule purification, including proteins, peptides and oligonucleotides. It is available in three separate particle sizes - 45 m, 65 m and 90 m - making it the ideal choice for high resolution, intermediate and capture steps.

[Praesto Ion Exchange Chromatography Resins - FAQs](#)

GÓWNE ZASTOSOWANIA

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

ZGODNO Z REGULACJAMI

- Manufactured under cGMP conditions

ZALETY

- High dynamic binding capacity
- Enhanced pressure/flow performance
- High resolution/selectivity
- Chemical and physical stability
- Secure, validated supply and regulatory support

PODSTAWOWE WACIWOści FIZYCZNE I CHEMICZNE:

struktura polimeru	Highly cross linked agarose
Appearance	Spherical beads
grupa funkcyjna	Sulfopropyl
Chemical stability	All commonly used aqueous buffers. 1M NaOH, 8M urea, 6M guanidine hydrochloride, 30% isopropanol and 70% ethanol
Avoid	Oxidising agents, cationic detergents
Ionic capacity - medium	0.11 - 0.16 mmol H ⁺ /ml
Ionic capacity - resin	0.11 - 0.16 mmol/ml
Particle Size - µm	45, 65, 90 µm
Dynamic Binding Capacity (min.) - 6 minutes residence time	80 IgG/ml
Dynamic Binding Capacity (min.)- 3 minutes residence time	80 hlgG/ml
Pressure/flow (min.) - at 3 bar in a 2.6 x 20 cm column (pressure-packed at 4 bar)	200 cm/h
pH stability, CIP (short term)	3 - 14
pH stability, working range	4 - 13
Recommended Storage	4 - 30 °C

Recommended Storage	20% ethanol
Recommended Storage	0.2M sodium acetate

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Americas
T +1 610 668 9090
F +1 610 668 8139
americas@purolite.com

**EMEA(Europa, Środkowy
Wschód i Afryka)**
T +44 1443 229334
F +44 1443 227073
europe@purolite.com

Asia Pacific
T +86 571 876 31382
F +86 571 876 31385
asiapacific@purolite.com

FSU
T +7 495 363 5056
F +7 495 564 8121
fsu@purolite.com