

## ION EXCHANGE AGAROSE BEADS

### SP Rapid Run™ Agarose Beads

PRODUCT	SP Rapid Run™ Agarose Bead
CAT. No.	SPRR-X
BEAD GEOMETRY & SIZE	Spherical, Standard: ~50 - 150 µm
CROSSLINKED	Highly crosslinked
BEAD MEAN DIAMETER (d <sub>50v</sub> )	~90 µm
LIGAND	Sulfopropyl
ION EXCHANGER TYPE	Strong Cation Exchanger
FLOW VELOCITY at 3 bar in 1.6 x 15 cm column	900 cm/h
EXCLUSION LIMIT (Mr) GLOBULAR PROTEINS Da	~4x10 <sup>6</sup>
ION CAPACITY	0.11 - 0.16 mmol H <sup>+</sup> /ml resin
STATIC BINDING CAPACITY	>60 mg IgG/ml packed resin
DYNAMIC BINDING CAPACITY 10% breakthrough	>30 mg IgG/ml packed resin
pH STABILITY	Short term: 3 - 14. Long term: 4 - 13
CHEMICAL STABILITY	Most commonly used aqueous and organic solutions including: 1 M NaOH, 8 M urea, 30% isopropanol & 70% ethanol <sup>(1)</sup>
WORKING TEMPERATURE	4 - 30°C
ANTIMICROBIAL AGENT	20% ethanol, 0.2 M sodium acetate
STORAGE TEMPERATURE	4 - 30°C

X: Product Quantity 25 or 300 ml

(1) Avoid oxidizing agents and cationic detergents.

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