

ION EXCHANGE AGAROSE BEADS

DEAE Rapid Run™ Agarose Beads

PRODUCT	DEAE Rapid Run™ Agarose Bead
CAT. No.	DEAERR-X
BEAD GEOMETRY & SIZE	Spherical, Standard: ~50 - 150 µm
CROSSLINKED	Highly crosslinked
BEAD MEAN DIAMETER (d _{50v})	~90 µm
LIGAND	Diethylaminoethyl
ION EXCHANGER TYPE	Weak Anion Exchanger
FLOW VELOCITY at 3 bar in 1.6 x 15 cm column	900 cm/h
EXCLUSION LIMIT (Mr) GLOBULAR PROTEINS Da	~4x10 ⁶
ION CAPACITY	0.10 - 0.15 mmol Cl ⁻ /ml resin
STATIC BINDING CAPACITY	>60 mg BSA/ml packed resin
DYNAMIC BINDING CAPACITY 10% breakthrough	>50 mg BSA/ml packed resin
pH STABILITY	Short term: 2 - 14. Long term: 2 - 12
CHEMICAL STABILITY	Most commonly used aqueous and organic solutions including: 1 M NaOH, 8 M urea, 30% isopropanol & 70% ethanol ⁽¹⁾
WORKING TEMPERATURE	4 - 30°C
ANTIMICROBIAL AGENT	20% ethanol
STORAGE TEMPERATURE	4 - 30°C

X: Product Quantity 25 or 300 ml

(1) Avoid oxidizing agent and anionic detergents.

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