Carboxymethyl (CM) Agarose Bead

Catalogue No.:abx291346

Carboxymethyl (CM) Agarose Resin is a highly crosslinked matrix with a bead size of 50-150 activated with carboxymethyl. It is developed to perform Ion Exchange Chromatography and separate biomolocules on the basis on their net surface charge.

Bead Geometry & Size	Spherical ~ 50-150 µm
Bead Mean Diameter d50v	90 µm
Crosslinked	Highly Crosslinked
Exclusion Limit Da	> 4x10^6
pH Stability	Short term: 2 - 14 Long term: 4 - 13
ph stability cleaning in place (cip)	4 - 9
Working Temperature	4 - 30 ºC
Chemical Stability	Most commonly used aqueous and organic solutions including: 1 M NaOH, 8 M urea, 30% isopropanol and 70% ethanol
Ligand	Carboxymethyl
Ion Exchanger Type	Weak Cation Exchanger
Flow Velocity (cm/h) at 3 bar in 1,6 x 15 cm column	> 900
Binding Capacity	> 30 mg IgG/mL resin
Static Binding Capacity	> 60 mg IgG/ml resin
Antimicrobial Agent	20% ethanol
Ionic Capacity (mmol H□/ml resin)	0.09 - 0.13

Target: Carboxymethyl (CM) Agarose Bead

Storage: Store at 4-30°C.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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