

CM Agarose fast flow

Cat. No. carboxy methyl-002A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CM agarose Fast Flow is a weak cation exchanger based on the well established agarose Fast Flow ion exchange platform, extensively used for preparative protein separations in both research and industrial applications.
Cat.no	carboxy methyl-002A
Matrix	Cross-linked agarose, 6%
Ion exchange capacity	0.09–0.13 mmol/ml media
Functional group	carboxy methyl group: –O–CH ₂ COO–
Protein	carboxy methyl
Average particle size	45–165 μm
Ligand	Carboxymethyl
Dynamic binding capacity	0.09-0.13 mmol/ml media
Recommended flow rate	300-600 cm/h
Viscosity	Unused media can be stored in the container at +4 to +30°C. Ensure that the screw-

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

top is fully tightened. Packed columns should be equilibrated in working buffer containing 20% ethanol to prevent microbial growth.

Recommended column height

5-20cm

Chemical stability

All commonly used aqueous buffers 1 M NaOH 8 M urea 6 M guanidine hydrochloride 70% ethanol

pH working range

4-13

pH CIP range

2-14

Temperature Stability

4-40 °C

Warning

Oxidizing agents Long exposures (1 week, 20°C) to pH <>

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA