

Size Exclusion Resin - Agarose + Dextran 200

Product Information

Product Overview

Size Exclusion Resin - Agarose + Dextran 30 / 75 / 200 are highly crosslinked agarose media with crosslinked dextran, average particle size 34 µm, combining dextran selectivity and agarose mechanical stability. High resolution, chemical stability, low nonspecific adsorption, high recovery, easily scalable, ideal for fine purification.

Matrix

Highly cross-linked agarose & dextran

Appearance

White paste, may separate upon standing

Average particle size

34 µm

Wet Particle Size Range

24–44 µm

Fractionation Range

Linear molecules: 1–100 kDa

Globular molecules: 10–600 kDa

pH working range

3–12

pH CIP range

1–14

Chemical stability

Stable in common aqueous solutions: 0.5 M NaOH, 1.0 M acetic acid, 30% acetonitrile, 30% isopropanol, 8 M urea, 6 M guanidine HCl, 2% SDS, 24% ethanol

Maximum operating pressure

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0.3 MPa

Maximum flow velocity

30–50 cm/h

Pack size

5 L; 10 L; 20 L

Product features

Gel filtration resin; separates based on molecular weight differences between target and impurities; agarose-dextran composite beads with favorable physical and chemical stability, improved resolution; good flow rate; suitable for lab to industrial-scale production; handles large-volume samples; wide separation range, suitable for biomolecule separation/purification.
