Dextran G-50

Cat. No. G-50-001D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Dextran is a gel filtration medium prepared by crosslinking dextran with epichlorohydrin. Dextran G-50 Medium is well established gel filtration medium for desalting and buffer exchange of biomolecules >30 000 molecular weight. The larger bead size of G-50 Medium is suited for large scale separations.
Cat.no	G-50-001D
Characteristics	Dextran G-50 is available in 4 different particle sizes (Coarse, Medium, Fine & Superfine), Its features are as follow:1. Quickly desalts, removes contaminants and transfers to a new buffer in a single step.2. Suitable for purification of DNA from small molecules by gel filtration3. Larger bead size for large scale group separations where high flow rates and low operating pressures are required.4. Classic gel filtration medium.
Size	100 g
Matrix	Cross-linked dextran
Average particle size	particle wet: 100 μm-300 μmparticle dry: 50 μm-150 μm
Recommended flow rate	150 cm/h
Chemical stability	Dextran is stable in all commonly used aqueous buffers and additives such as ionic and non-ionic detergents, denaturing agents (8 M urea or 6 M guanidine

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	hydrochloride). The media are stable in short chain alcohols such as ethanol, methanol and propanol, but concentrations above 25% should not normally be used. Note that Dextran shrinks in alcohol solutions.
pH working range	2-10
pH CIP range	2-13
Warning	Avoid changes in temperature which may cause air bubbles in the packing.

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