Dextran G-10

Cat. No. G-10-001D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Dextran is a gel filtration medium prepared by crosslinking dextran with epichlorohydrin. Dextran G-10 is a well established gel filtration medium for desalting and buffer exchange of peptides and small biomolecules >700 molecular weight.
Cat.no	G-10-001D
Characteristics	Dextran G-10 is for small molecules. Its features are as follows:1. Quickly desalts, removes contaminants and transfers to a new buffer in a single step.2. Suitable for buffer exchange and cleanup of biological samples, for example peptides, small proteins, and oligosaccharides larger than 700 molecular weight3. Efficient removal of contaminants such as salts, dyes, and radioactive labels4. Lowest exclusion limit (700 molecular weight) in the Dextran G-range
Size	100 g
Matrix	Cross-linked dextran
Average particle size	particle wet: 55 µm-165 µmparticle dry: 40 µm-120 µm
Recommended flow rate	24-49 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 hydrochloride). The media are stable in short chain alcohols such as ethanol,

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

	methanol and propanol, but concentrations above 25% should not normally be used. Note that Dextran shrinks in alcohol solutions.
pH working range	2-13
Warning	Avoid changes in temperature which may cause air bubbles in the packing.

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