

Lectin synthetic polymer resin

Cat. No. Lectin-001S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Creative Biomart Lectin synthetic polymer resin is pre-filled with 1 ml or 5 ml lectin resin and are ready to use for purification of glycoproteins from serum or cell culture supernatants using liquid chromatography systems.
Cat.no	Lectin-001S
Characteristics	Lectin resins are comprised of individual lectins coupled to a synthetic polymer resin that combines superior mechanical stability with outstanding flow characteristics and high dynamic binding capacity. These resins allow the efficient isolation and purification of glycoproteins up to production-scale using FPLC systems.
Matrix	synthetic polymer resin
Average particle size	75 µm
Recommended flow rate	180–240 ml/h
Recommended column height	5-20cm
Warning	All steps are performed at room temperature (15–25°C). Use pre-cooled buffers and spin columns. Separated protein fractions should be stored at 4°C, or for longer term storage, at –80°C. Certain chemicals can adversely affect binding of glycoproteins to lectin columns and therefore their use in buffers should be avoided. These chemicals

 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

include reducing agents (e.g., DTT, β -mercaptoethanol), chelating reagents (e.g., EDTA, EGTA), detergents (other than those recommended), denaturants (e.g., urea, GuHCl), and proteases.

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