

Datasheet

Cat# NBGN-100130

Version# RN5.9



Product Name	NebuChem™ Endotoxin Removal Resin
Size	1ml;5ml;Bulk
Description	<p>NebuChem™ Endotoxin Removal Resin(CAT#NBGN-100130) utilizes immobilized polymixin B to bind and remove pyrogens from solution. The polymixins are a family of antibiotics that contain a cationic cyclopeptide with a fatty acid chain. Polymixin B neutralizes the biological activity of endotoxins by binding to the lipid A portion of bacterial lipopolysaccharide. Substances tested that do not interfere with performance includes: 20% DMSO, 20% ethanol, 20% glycerol; 1 M urea, 300 mM imidazole; 0.05% Tween 20, 10 mM DTT, etc.</p>
Binding Capacity	Up to 2,000,000 EU/ml resin.
Ligand	Modified PMB (Polymixin B)
pH Stability	pH 5 -10
Support Matrix	4% cross-linked agarose, spherical beads
Mean Particle Size	90µm
Types of Sample	Protein, including peptides and antibody, polysaccharide, etc.
Applicable Ionic Strength	0.1 to 0.5 M NaCl
Storage	2 - 8°C; Freezing is prohibited
