

Endotoxin Removal Column (NEA-1000R)

Features

NEA-1000R is an endotoxin removal column for testing and research, which is filled with a newly developed endotoxin removal material. Selectively remove endotoxins from various materials such as proteins and polysaccharides.

- Highly selectively remove endotoxin
- Absorb large volumes of endotoxin
- Easy to operate



Packaging	1mL column ×5
Base carrier	Cellulose fiber
Endotoxin adsorption capacity	1.0×10 ⁷ EU/column
Sterilization	EOG Sterilization
Storage Method	Refrigeration

Usage examples

Endotoxin removal from proteins

Sample	Isoelectric point	Before treatment	After treatment	Endotoxin removal rate	Protein recovery rate
BSA	4.9	30 EU/ml	0.1 EU/ml	≥ 99%	98%
Gamma globulin	7.4	41 EU/ml	0.5 EU/ml	≥ 99%	≥ 99%
Cytochrome C	10.6	27 EU/ml	0.1 EU/ml	≥ 99%	96%

Test conditions : protein solution (500μg/mL, 0.02M phosphate buffer, pH7.0, ionic strength μ=0.2), LPS(*E.coli* UKT-B), flow rate 0.1 mL/min

Endotoxin removal from polysaccharides

Sample	Before treatment	After treatment	Endotoxin removal rate
Pullulan	640 EU/ml	0.3 EU/ml	≥ 99%

Test conditions : 4% aqueous solution, flow rate 0.1 mL/min

Details of the products and download of the catalog are available via the URL or with the QR code on the right.

Advanced Endotoxin Removal Solution site
<https://www.nagase.co.jp/low-endotoxin/english/>



Nagase & Co., Ltd. Corporate site
<https://www.nagase.co.jp/english/>



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