

Datasheet: PUR028

BATCH NUMBER 25381

Description:	PROTEUS MIDI ENDOTOXIN REMOVAL STANDARD SPIN COLUMN PACK
Name:	ENDOTOXIN REMOVAL STANDARD KIT
Format:	MIDI - Spin Columns
Product Type:	Purification Kit
Quantity:	12 UNITS

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Protein Purification	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures.

Preservative Stabilisers

94% Preservative base of resin containing:
20% Aqueous Ethanol
80% 0.1M Sodium Chloride

Endotoxin Level

This kit can be used for samples with endotoxin loads < 30,000 EU. For endotoxin loads < 3,000 EU the Mini Endotoxin Removal kit is recommended. Endotoxin loads up to 1,000,000 EU require the use of a Midi High Capacity Endotoxin Removal kit.

Product Information

This kit offers rapid, one step, high grade (>95%) removal of endotoxin from a wide range of protein solutions, with >90% protein recovery.

We recommend reading the [Proteus Endotoxin Removal Kit Handbook](#) prior to use.

For more information visit [Proteus: Protein Purification Spin Kits](#).

Reagents In The Kit

12 x Spin Column Plugs containing Endotoxin Binding Resin
12 x Midi Standard Spin Columns (20ml capacity)
12 x 50ml Centrifuge Tubes
Plug Insertion Tool
Instructions for use

Additional Reagents

0.2µm and 1.2µm Syringe Filter Units

Required	Low Endotoxin Pre-equilibration Buffer e.g PBS pH7.4
Instructions For Use	Instructions for use can be found at www.bio-rad-antibodies.com/uploads/IFU/PUR028.pdf
References	<p>1. Negus, D. <i>et al.</i> (2015) Parenteral Administration of Capsule Depolymerase EnvD Prevents Lethal Inhalation Anthrax Infection. Antimicrob Agents Chemother. pii: AAC.01547-15.</p> <p>2. Li, J.D. & Yin, J. (2023) Interleukin-10-alveolar macrophage cell membrane-coated nanoparticles alleviate airway inflammation and regulate Th17/regulatory T cell balance in a mouse model. Front Immunol. 14: 1186393.</p>
Storage	<p>This product is shipped at ambient temperature.</p> <p>Upon receipt of kit, remove resin plugs box and store this at +4°C.</p> <p>DO NOT FREEZE RESIN PLUGS OR STORE AT ROOM TEMPERATURE.</p> <p>Store remainder of kit at room temperature.</p>
Guarantee	Guaranteed until date of expiry. Please see product label.
Health And Safety Information	Material Safety Datasheet documentation #20510 available at: https://www.bio-rad-antibodies.com/SDS/PUR028
Regulatory	For research purposes only

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
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