

## Datasheet: PUR028

**BATCH NUMBER 25101**

<b>Description:</b>	PROTEUS MIDI ENDOTOXIN REMOVAL STANDARD SPIN COLUMN PACK
<b>Name:</b>	ENDOTOXIN REMOVAL STANDARD KIT
<b>Format:</b>	MIDI - Spin Columns
<b>Product Type:</b>	Purification Kit
<b>Quantity:</b>	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](http://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

<b>Required</b>	Low Endotoxin Pre-equilibration Buffer e.g PBS pH7.4
<b>Instructions For Use</b>	Instructions for use can be found at <a href="http://www.bio-rad-antibodies.com/uploads/IFU/PUR028.pdf">www.bio-rad-antibodies.com/uploads/IFU/PUR028.pdf</a>
<b>References</b>	<p>1. Negus, D. <i>et al.</i> (2015) Parenteral Administration of Capsule Depolymerase EnvD Prevents Lethal Inhalation Anthrax Infection. <a href="#">Antimicrob Agents Chemother. pii: AAC.01547-15.</a></p> <p>2. Li, J.D. &amp; 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. <a href="#">Front Immunol. 14: 1186393.</a></p>
<b>Storage</b>	<p>Upon receipt of kit, remove resin plugs box and store this at +4°C.  DO NOT FREEZE RESIN PLUGS OR STORE AT ROOM TEMPERATURE.  Store remainder of kit at room temperature.</p>
<b>Guarantee</b>	Guaranteed until date of expiry. Please see product label.
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #20510 available at:  <a href="https://www.bio-rad-antibodies.com/SDS/PUR028">https://www.bio-rad-antibodies.com/SDS/PUR028</a>  20510</p>
<b>Regulatory</b>	For research purposes only

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