

# Datasheet: PUR012

**BATCH NUMBER 26211**

|                      |                                            |
|----------------------|--------------------------------------------|
| <b>Description:</b>  | PROTEUS PROTEIN G MIDI PURIFICATION KIT    |
| <b>Name:</b>         | ANTIBODY PURIFICATION KIT PROTEIN G        |
| <b>Format:</b>       | MIDI - Spin Columns, Buffers, U/F Spinners |
| <b>Product Type:</b> | Purification Kit                           |
| <b>Quantity:</b>     | 4 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. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

|                                 |                                                                                      |
|---------------------------------|--------------------------------------------------------------------------------------|
| <b>Preservative Stabilisers</b> | Buffers contain 0.09% Sodium Azide (NaN <sub>3</sub> )<br>Resin contains 20% Ethanol |
|---------------------------------|--------------------------------------------------------------------------------------|

|                            |                                                            |
|----------------------------|------------------------------------------------------------|
| <b>Product Information</b> | See <a href="#">Binding affinities for Protein A and G</a> |
|----------------------------|------------------------------------------------------------|

Recommended Reading - [Proteus Protein G Purification Handbook](#)

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

|                            |                                                                                                                                                                                                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reagents In The Kit</b> | 4 x Protein G Spin Column Plugs<br>4 x Spin Columns<br>8 x 50 ml Centrifuge Tubes<br>4 x 10 kDa MWCO Ultrafiltration Spinners<br>1 x 250 ml of 1 x Buffer G<br>1 x 125 ml of 1 x Buffer B2<br>1 x 30 ml of 1 x Buffer C<br>Plug Insertion Tool<br>Instructions |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                   |                                                                                                   |
|-------------------|---------------------------------------------------------------------------------------------------|
| <b>References</b> | 1. Soler, L. <i>et al.</i> (2011) Development and validation of a novel competitive ELISA for the |
|-------------------|---------------------------------------------------------------------------------------------------|

- detection of serum amyloid A in pigs. [Vet J. 190: e7-11.](#)
2. Kimura, K. *et al.* (2012) Pyrroloquinoline quinone stimulates epithelial cell proliferation by activating epidermal growth factor receptor through redox cycling. [Free Radic Biol Med. 53: 1239-51.](#)
3. Abdelkrim, M.A. *et al.* (2012) Autoantibodies against cardiac  $\beta(1)$ -adrenoceptor do not affect the low-affinity state  $\beta(1)$ -adrenoceptor-mediated inotropy in rat cardiomyocytes. [Can J Physiol Pharmacol. 90: 407-14.](#)
4. Montaudon, E. *et al.* (2014) Cardiovascular effects of beta1 and beta3-adrenergic receptor autoantibodies in Lewis rat. [Article in French] [Ann Cardiol Angeiol \(Paris\). 63: 128-34.](#)
5. Montaudon E *et al.* (2015) Cardiac effects of long-term active immunization with the second extracellular loop of human  $\beta 1$ - and/or  $\beta 3$ -adrenoceptors in Lewis rats. [Pharmacol Res. 100: 210-9.](#)
6. Yuan, W. *et al.* (2015) Quantitative analysis of immunoglobulin subclasses and subclass specific glycosylation by LC-MS-MRM in liver disease. [J Proteomics. 116: 24-33.](#)
7. Broecker, F. *et al.* (2016) Multivalent display of minimal *Clostridium difficile* glycan epitopes mimics antigenic properties of larger glycans. [Nat Commun. 7: 11224.](#)

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| <b>Storage</b>                       | This product is shipped at ambient temperature.<br>Store at +4°C. DO NOT FREEZE.                                                                                                            |
| <b>Guarantee</b>                     | Guaranteed until date of expiry. Please see product label.                                                                                                                                  |
| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10125 #10253 #10254 #20510 available at: <a href="https://www.bio-rad-antibodies.com/SDS/PUR012">https://www.bio-rad-antibodies.com/SDS/PUR012</a> |
| <b>Regulatory</b>                    | For research purposes only                                                                                                                                                                  |

## Related Products

### Recommended Useful Reagents

[MOUSE MONOCLONAL ANTIBODY ISOTYPING TEST KIT \(MMT1\)](#)  
[MYCOPLASMA REMOVAL AGENT \(BUF035\)](#)  
[PROTEUS PROTEIN A MIDI PURIFICATION KIT \(PUR003\)](#)

**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://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](http://bio-rad-antibodies.com/datasheets)

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