

## Datasheet: PUR016

**BATCH NUMBER 22451**

|                      |  |
|----------------------|--|
| <b>Description:</b>  | PROTEUS PROTEIN G MINI PURIFICATION KIT    |
| <b>Name:</b>         | ANTIBODY PURIFICATION KIT PROTEIN G        |
| <b>Format:</b>       | MINI - Spin Columns, Buffers, U/F Spinners |
| <b>Product Type:</b> | Purification Kit                           |
| <b>Quantity:</b>     | 16 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 |
|---------------------------------|--|

**Product Information** See [Binding affinities for Protein A and G](#)

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

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

|                            |   |
|----------------------------|---|
| <b>Reagents In The Kit</b> | 16 x Protein G Spin Column Plugs<br>16 x Spin Columns<br>32 x 2.2 ml Centrifuge Tubes<br>16 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 |
|----------------------------|---|

**References** 1. 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.](#)

2. Soler, L. *et al.* (2011) Development and validation of a novel competitive ELISA for the detection of serum amyloid A in pigs. [Vet J. 190: e7-11.](#)

3. 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.](#)

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. 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.](#)

6. Broecker, F. *et al.* (2016) Multivalent display of minimal *Clostridium difficile* glycan epitopes mimics antigenic properties of larger glycans. [Nat Commun. 7: 11224.](#)

7. 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.](#)

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**Storage**

Store at +4°C. DO NOT FREEZE.

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**Guarantee**

Guaranteed until date of expiry. Please see product label.

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**Health And Safety Information**

Material Safety Datasheet documentation #10125 #10253 #10254 available at: <https://www.bio-rad-antibodies.com/SDS/PUR016>

Protein G Binding Buffer G (10125)

Elution Buffer B2 (10253)

Neutralisation Buffer C (10254)

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Useful Reagents

[MOUSE MONOCLONAL ANTIBODY ISOTYPING TEST KIT \(MMT1\)](#)

[RAT MONOCLONAL ANTIBODY ISOTYPING TEST KIT \(RMT1\)](#)

[MYCOPLASMA REMOVAL AGENT \(BUF035\)](#)

[PROTEUS PROTEIN A MINI PURIFICATION KIT \(PUR008\)](#)

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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](https://www.bio-rad-antibodies.com/datasheets)

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