

## Datasheet: PUR016

**BATCH NUMBER 22451**

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| <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.

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| <b>Preservative Stabilisers</b> | Buffers contain 0.09% Sodium Azide (NaN <sub>3</sub> )<br>Resin contains 20% Ethanol |
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| <b>Product Information</b> | See <a href="#">Binding affinities for Protein A and G</a> |
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Recommended Reading - [Proteus Protein G Purification Handbook](#)

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

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| <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 |
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|                   |  |
|-------------------|--|
| <b>References</b> | 1. Abdelkrim, M.A. <i>et al.</i> (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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| <b>Storage</b>                       | 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 available at: <a href="https://www.bio-rad-antibodies.com/SDS/PUR016">https://www.bio-rad-antibodies.com/SDS/PUR016</a><br>Protein G Binding Buffer G (10125)<br>Elution Buffer B2 (10253)<br>Neutralisation Buffer C (10254) |
| <b>Regulatory</b>                    | For research purposes only   |

## 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 \(PUR008\)](#)

|                                  |   |                  |   |               |   |
|----------------------------------|---|------------------|---|---------------|---|
| <b>North &amp; South America</b> | Tel: +1 800 265 7376<br>Fax: +1 919 878 3751<br>Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a> | <b>Worldwide</b> | Tel: +44 (0)1865 852 700<br>Fax: +44 (0)1865 852 739<br>Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a> | <b>Europe</b> | Tel: +49 (0) 89 8090 95 21<br>Fax: +49 (0) 89 8090 95 50<br>Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a> |
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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)  
'M350464:190307'

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