

## Datasheet: PUR012

**BATCH NUMBER 180509**

<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> ) Resin contains 20% Ethanol
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**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>	4 x Protein G Spin Column Plugs 4 x Spin Columns 8 x 50 ml Centrifuge Tubes 4 x 10 kDa MWCO Ultrafiltration Spinners 1 x 250 ml of 1 x Buffer G 1 x 125 ml of 1 x Buffer B2 1 x 30 ml of 1 x Buffer C Plug Insertion Tool Instructions
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**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.](#)

<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: Protein G Binding Buffer G (10125): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10125.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10125.pdf</a> Elution Buffer B2 (10253): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10253.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10253.pdf</a> Neutralisation Buffer C (10254): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10254.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10254.pdf</a>
<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 MIDI PURIFICATION KIT \(PUR003\)](#)

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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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