

Datasheet: PUR012

BATCH NUMBER 230311

Description:	PROTEUS PROTEIN G MIDI PURIFICATION KIT
Name:	ANTIBODY PURIFICATION KIT PROTEIN G
Format:	MIDI - Spin Columns, Buffers, U/F Spinners
Product Type:	Purification Kit
Quantity:	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.

	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.

Preservative Stabilisers	Buffers contain 0.09% Sodium Azide (NaN ₃) Resin contains 20% Ethanol
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Product Information	See Binding affinities for Protein A and G
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Recommended Reading - [Proteus Protein A Purification Handbook](#)

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

Reagents In The Kit	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. <i>et al.</i> (2012) Autoantibodies against cardiac $\beta(1)$ -adrenoceptor do not
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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.](#)

Storage	Store at +4°C. DO NOT FREEZE.
Guarantee	Guaranteed until date of expiry. Please see product label.
Health And Safety Information	Material Safety Datasheet documentation #10125 #10253 #10254 available at: https://www.bio-rad-antibodies.com/SDS/PUR012 Protein G Binding Buffer G (10125) Elution Buffer B2 (10253) Neutralisation Buffer C (10254)
Regulatory	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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