

Ex-Pure Pro A/Pro G User Manual

The Ex-Pure Pro A/Pro G is a monolithic spin column chemically bonded with ProteinA or ProteinG, which is ideal for purification of IgG. This spin column can be used in a wide range of applications such as sample preparation for pharmaceutical or biochemical samples. To maintain optimum performance, read the following instructions before use.

1. Unpacking

- Check for damage or missing parts.

Cat.No.		
Spin Column		10 pcs
Waste Fluid Tube		10 pcs
Recovery Tube		10 pcs
Binding buffer	50 mM sodium phosphate buffer + 150 mM NaCl(pH7.0)	30 mL
Washing buffer	50 mM sodium phosphate buffer + 1 M NaCl(pH7.0)	30 mL
Elution buffer	Ex-PureProA : 100 mM Glycine-HCl buffer(pH 3.5)	30 mL
	Ex-PureProG : 100 mM Glycine-HCl buffer(pH2.5)	30 mL
Regeneration buffer	100 mM Glycine-HCl buffer(pH2.5)	30 mL
Neutralizing buffer	1 M Tris-HCl buffer (pH8.5)	10 mL
Manual		1 pcs

2. Cautions

Please note the following when using Ex-Pure series.

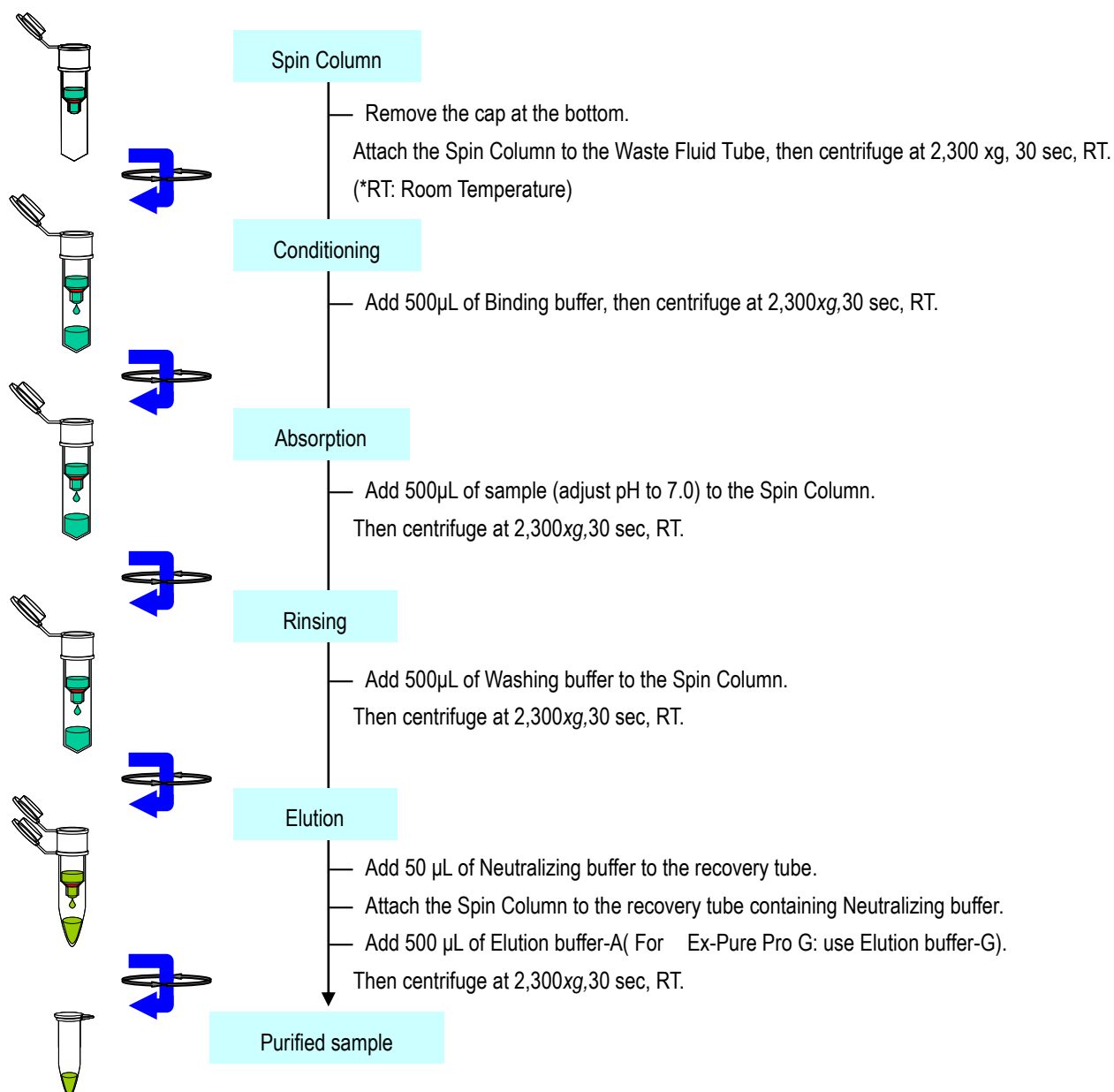
- Do not drop or bump the spin columns. Subjecting the spin columns to shocks may cause the monolithic silica gel to break.
- Use the spin column with the cover opened.

The sample will not pass through the monolithic silica smoothly when the cover of the spin column is closed as there will be a negative pressure generated in the spin column. Make sure the cover of the spin column is opened.

3. Specification

Functional group	Ex-PureProA: ProteinA Ex-PureProG : ProteinG
Sample volume	50~500 μ L
Sample capacity	Ex-Pure Pro A : IgG recovery > 90% (sample amount 0.4mg) Ex-Pure Pro G : IgG recovery > 90% (sample amount 0.3mg)

4. Typical Procedure



5. Regeneration Method of Spin column and Storing Conditions

To regenerate the used spin column, add 500 µL of Regeneration buffer to the used spin column and centrifuge for 30 seconds. Store the spin column with 20% ethanol and store it at 4°C. Do not allow the resin (silica monolith) to dry. Otherwise, the performance and quality of spin column may be deteriorated.

Ex-Pure Pro A/Pro G is manufactured, inspected, packed and shipped under our strict standards of quality control. Please contact us if you find any problems with the performance of the product.

This product is manufactured for research purposes. We do not guarantee usage for purposes other than research or uses other than those described in the operations manual.



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