deGlycIT™

INSTRUCTIONS

Version 15.1.1

Instructions for product no

A0-IZ6-010	2 columns	Deglycosylation of up to 2×0.5mg IgG
A0-IZ6-025	5 columns	Deglycosylation of up to 5×0.5mg IgG
A0-IZ6-050	10 columns	Deglycosylation of up to 10×0.5mg IgG

Product Description

IgGZERO® is an endoglycosidase with a very high specificity for IgG molecules of all species and subclasses.

deGlycIT™ MicroSpin contains IgGZERO® covalently coupled to agarose beads for deglycosylation of IgG. IgG is incubated with the IgGZERO® agarose beads for 15 min, deglycosylated IgG is then collected by a 1 minute centrifugation step. Since IgGZERO® is immobilized on agarose beads there is no need for extensive purification to remove the enzyme.

Content and storage

Spin columns containing IgGZERO® covalently coupled to agarose beads.

deGlycIT™ MicroSpin are supplied in 20% EtOH and no preservatives are added.

One micro spin column contains sufficient IgGZERO® coupled agarose beads to deglycosylate 0.5 mg IgG.

deGlycIT™ MicroSpin is shipped on ice. deGlycIT™ MicroSpin should be stored at +4-8°C upon arrival.

deGlycIT™ MicroSpin is for R&D use only.

Quality Control deGlycIT™

deGlycIT™ is tested to ensure lot-to-lot consistency.

deGlycIT™ is tested for absence of microbial contamination with blood agar plates, Sabaraud dextrose agar plates and fluid thioglycolate medium.

Additional Materials Required

- ✓ Cleavage buffer: 10mM sodium phosphate, 150mM NaCl, pH 7.4.
- ✓ Collection tubes: Micro centrifuge tubes.

Method

- ✓ Make sure your antibody is in cleavage buffer (See Additional Material Required above).
- ✓ Break off the bottom plastic cap of the spin column. Remember to save the bottom cap!
- ✓ Lids and bottom caps are used during the incubation.
- ✓ Before centrifugation remove the bottom cap and slightly open the lid ~90° counter clockwise.

1. Break off the bottom cap of the spin column and slightly open the screw cap lid ~90° counter clockwise.
2. Centrifuge the column at 200×g for 1min to remove storage solution.
3. Equilibrate the column with 300µl cleavage buffer (See Additional Material Required above).

4. Centrifuge the column at 200×g for 1min.
5. Repeat step 3 and 4 two times.
6. Re-insert the bottom cap into the bottom of the spin column.
7. Immediately add 100µl IgG at a maximal concentration of 5mg/ml in cleavage buffer.
8. Re-seal the column with the lid.
9. Take care to fully suspend the media manually and make sure it is flowing in the column.
10. Incubate the column by end-over-end mixing at room temperature for 15 min.
11. Twist open the lid and remove the bottom cap.
12. Place the column in a clean micro centrifuge tube (not included).
13. Centrifuge the column at 1000×g for 1min to elute the sample.

For maximum recovery of your sample:

14. Place the column in a clean micro centrifuge tube (not included).
15. Add 100µL cleavage buffer.
16. Centrifuge the column at 1000×g for 1min to elute your sample.
17. Repeat step 14-16 one more time.

Customer Service USA Phone: 617-444-8421 I info@genovis.com I Genovis AB, 245 First Street, Cambridge, MA 02142, USA
Customer Service Europe Phone: 0046 (0)46 10 12 30 I info@genovis.com I Genovis AB, Box 790, SE-220 07 Lund, Sweden
Support support@genovis.com **Order** order@genovis.com I Fax: 0046 (0)46 12 80 20