GST-tag Protein Purification and Regeneration Kit

Cat No: AKIT-GST-3

Description

The GST-tag Protein Purification and Regeneration Kit consists of optimized prefabricated buffer for the regeneration of GST-tag protein agarose gel/magnetic beads.

For custom sizes, formulations or bulk quantities please contact our customer service department.

Website: www.abvigen.com Phone: +1 929-202-3014 Email: info@abvigenus.com

Kit Composition

Buffer A	100 mL
Buffer B	100 mL

Operation Process

This kit is used for the regeneration of GST-tag protein agarose gel/magnetic beads. The specific operation process is as follows:

1. GST-tag protein agarose gel regeneration

The amount of solution is calculated by the column volume (for example, 5 times the column volume, 1 mL specification corresponds to 5 mL solution, 10 mL specification corresponds to 50 mL solution).

1) Use 5 times column volume deionized water to clean the packing;

2) Use 5 times column volume **buffer A** to clean the packing;

3) Use 10 times column volume deionized water to clean the packing;

4) Use 5 times the volume of **buffer B** to clean the filler;

5) Use 10 times column volume deionized water to clean the packing;

6) Use 10 x column volume 1 x PBS balancing filler.

After the gel is regenerated, it can be used immediately, if not used immediately, it is necessary to suspend the gel in an equal volume of 20% ethanol and store it at 2 ~ 8°C.

2. Regeneration of GST-tag protein agarose magnetic beads

1) Add 3 times the volume of the magnetic bead deionized water, mix well, clean the magnetic bead, place it on the magnetic rack, magnetic separation, remove the supernant, repeat 2 to 3 times;

2) Add 5 times the volume of magnetic bead **buffer A**, inversely mix it for 5-10 min, and then place it on the magnetic rack for magnetic separation and remove the supernatant;

3) Add 5 times the volume of the magnetic bead deionized water, mix, clean the magnetic bead, place it on the magnetic rack, magnetic separation, remove the supernant, repeat 2 to 3 times;

4) Add 5 times the volume of magnetic bead **buffer B**, inversely mix it for 5~10 min, then place it on the magnetic rack, magnetic separation, and remove the supernatant;

5) Add 5 times the volume of the magnetic bead deionized water, mix, clean the magnetic bead, placed on the magnetic rack, magnetic separation, remove the supernant, repeat 2 to 3 times;

6) Add 5 times the volume of magnetic beads 1 x PBS balanced magnetic beads, placed on the magnetic rack, magnetic separation, remove the supernatant, repeat 2 ~ 3 times.

After the regeneration of the magnetic bead, it can be used immediately. If it is not used immediately, 20% ethanol should be added to make the total volume equal to the initial suspension volume and stored at 2 to 8°C.

Ordering Information

Website: www.abvigen.com

Phone: +1 929-202-3014

Email: info@abvigenus.com