

Instructions For Use

MagPen™

REF 657850



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TABLE OF CONTENT

1. MATERIALS AND SUPPLIES..... 3

2. INSTRUCTIONS.....4

MagPen™ Instruction Manual

Thank you for purchasing this Greiner Bio-One product. The MagPen™ is used to transfer, collect, organise, or layer magnetic 3D cultures without disrupting the tissue architecture. The MagPen™ uses a simple “pick-up-and-drop” method to reliably move cultures between microscope slides, petri dishes, and well plates.



The magnets in this kit are strong, can damage electronics, and cause injury if not handled correctly. DO NOT remove the magnets from the protective covers. DO NOT autoclave. DO NOT store near metal surfaces. Read the attached instructions carefully on how to handle the magnets.

Product Use

The MagPen™ Kit is for research use only. It is not approved for human or animal use.

1. MATERIALS AND SUPPLIES

Materials and Supplies Needed to Transfer Cultures
MagPen™, which includes: PTFE Tip (1); Magnet (1).
Other Materials Provided by User:
70 % Ethanol
Any additional supplies for the specific cell type and application

2. INSTRUCTIONS

Instructions to transfer cultures using the MagPen™:



If cultures need to remain sterile, clean the MagPen™ with 70 % ethanol or autoclave the PTFE tip only. DO NOT autoclave the magnet.

1. Insert the magnet fully into the PTFE tip (**Figure 1**).
2. Gently move the MagPen™ toward the culture until it touches the PTFE tip. Be careful not to crush the culture between the MagPen™ and the surface (**Figure 1**).
3. Lift the MagPen™ up. The culture should remain on the MagPen™ (**Figure 1**).



If you want to layer cultures, repeat steps 2 and 3.

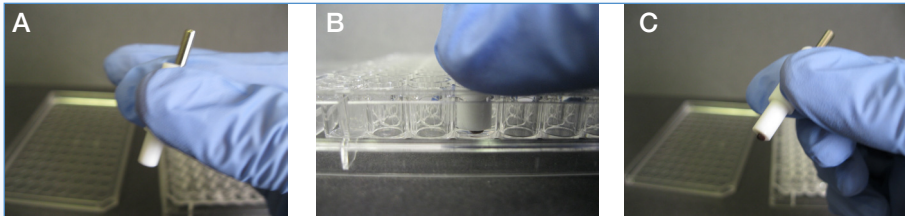


Figure 1: Take a MagPen™, (a) gently touch the culture, (b) and lift the culture up (c).

4. Remove the magnet from the PTFE tip. The culture should remain on the MagPen™ (**Figure 2**).
5. Place the MagPen™ down where you want to transfer the cells to. The culture should then come off the MagPen™ (**Figure 2**).
6. Lift the MagPen™ away from the culture (**Figure 2**).

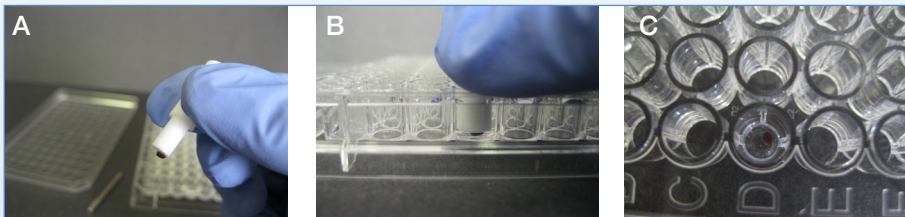


Figure 2: Take the magnet out of the PTFE tip (a) and place the culture down (b) to where you want to transfer the cells to (c).



If the culture does not come off of the MagPen™ there are two ways to improve. Place some liquid onto the surface of interest, and/or place a magnetic drive underneath the surface of interest (**Figure 3**).

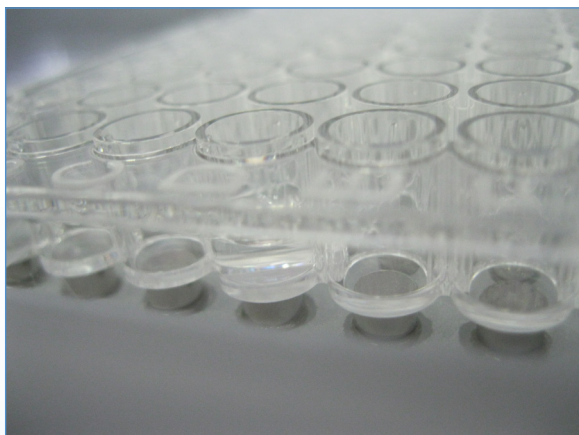


Figure 3: Use liquid and a magnetic drive to help remove the culture from the MagPen™.

NOTES

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