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## TECHNICAL DATA SHEET 571

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# BioMag® Flask Separator

Catalog Number: 84101S

### DESCRIPTION

The BioMag® Flask Separator is a 12.5cm x 6cm rectangular magnetic separation unit designed for use with tissue culture flasks. Test tubes may be used with this unit by securing the tubes against the magnet with a rubber band. The unit consists of permanent magnets encased in a plastic frame. The magnetic strength contained in each disc magnet is 27 megagauss Oersteads.

### PROCEDURE

#### For Vertical Separations (Recommended Method)

Place the magnet on the side of an upright tissue culture flask containing less than 3/4 of the maximum volume. Leave the separator in place until the separation is complete, usually in 3-10 minutes. With the separator in position, decant or aspirate the supernatant without disturbing the separated BioMag®. For more concentrated BioMag®, two separators may be used. Place the magnets on either side of the flask (shown below) so that they will attract each other and secure in place with a rubber band. More than one flask may be separated at a time in the vertical position by placing a separator between each pair of flasks.

#### For Horizontal Separations

Lay the BioMag® separator on a flat surface. Place the tissue culture flask containing the BioMag® on top of the separator. Secure with a rubber band. Leave in place until the separation is complete, usually in 3-10 minutes. Gently move to an upright position for aspiration. Decant or aspirate the supernatant being careful not to disturb the separated BioMag®. For more concentrated solutions of BioMag®, two separators may be used. Place a separator on either side of the flask and secure with a rubber band. When one separator appears saturated with BioMag®, turn the flask to the other side with the second separator in place to complete the separation.

### ORDERING INFORMATION

Cat. #	Description	Size
84101S-1	BioMag® Flask Separator	1 each

### STORAGE AND SAFETY

**Storage** The BioMag® Flask Separator should be wiped clean with mild detergent. Do not immerse. Harsh chemicals and organic solvents may damage the surface of the unit.

**Safety** Strong magnetic field. Exercise extreme caution when removing a flask sandwiched between two separators. When the flask is removed, the two separators will move toward each other very quickly and can result in injury. Keep the separators a safe distance from metal surfaces and from each other. This separation unit should be used and stored a safe distance from magnetic media, such as computers, videotapes, credit cards, etc.

**This product is for research use only and is not intended for use in humans or for *in vitro* diagnostic use.**



### TO ORDER

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