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B E A D S • A B O V E T H E R E S T™

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 Oersteds.

PROCEDURE

Vertical Separations (*suggested 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 solutions of BioMag®, two separators may be used. Place the magnets on either side of the flask 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.



Two magnet vertical set-up illustrated.

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 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.

STORAGE AND STABILITY

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 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 at a safe distance from metal surfaces and from each other. This separation unit should be used and stored at a safe distance from magnetic media, such as computers, videotapes, and credit cards, etc.

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

ORDERING INFORMATION

Cat. Code	Description	Size
MS004	BioMag® Flask Separator	1 each

Order online anytime at www.bangslabs.com.