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B E A D S ● A B O V E T H E R E S T™

DESCRIPTION

The BioMag® 96-Well Plate Side Pull Magnetic Separator is a durable magnetic separation unit designed to accommodate 96-well plates that allow the magnetic pins to fit between the individual wells. This separator allows magnetic particles to be pulled to the side of the wells, giving access to the bottom of the wells for more complete fluid removal and less chance of particle aspiration. The magnetic separator consists of 24 permanent neodymium-iron-boron rod magnets embedded in a plastic frame. Each individual magnet addresses 4 wells.

PROCEDURE

This separator is intended for use with 96-well plates molded such that the magnetic pins address the sides of the wells. (The BioMag® 96-Well Plate Separator [Catalog Code #MS003] is recommended for use with plates that do not allow side pull access.) Depending on the amount of particles and the volume of the mixture, separations can take from only a few seconds to several minutes. Once separation is complete, the 96-well plate should be kept in position on the magnetic separator while the supernatant is removed. For subsequent resuspension of the particles for procedures involving buffer exchanges or washing the magnetic particles, remove the 96-well plate from the magnet, add the liquid to the wells, and then tap the plate gently to mix the magnetic particles. Reposition the 96-well plate over the magnet and allow the magnetic pellet to reform.

STORAGE AND STABILITY

The BioMag® 96-Well Plate Side Pull Magnetic 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. 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.

ORDERING INFORMATION

| Cat. Code | Description | Size |
|-----------|---|--------|
| MS005 | BioMag® 96-Well Plate Side Pull Separator | 1 each |

Order online anytime at www.bangslabs.com.

