

EasySort™ Sixteen-5/15 Magnet

Magnet for column-free immunomagnetic separation

Cat.No: EC004

Quantity: 1Unit

Cat.	Products	Holds	Working volume
EC004	EasySort™ Sixteen-5/15 Magnet	16	1.0-15.0 mL
	Manual		One Copy

Properties

Storage: Store at ambient temperature of 15-25°C.

STRONG MAGNETIC FIELD: Please keep away from pacemakers, magnets, electronic products such as computers and watches, and other objects that respond to magnetic fields.

Introduction

The Elabscience EasySort™ Sixteen-5/15 Magnet is a magnetic separation device specifically designed for cell sorting, also known as a magnetic stand or magnetic separator. It is compatible with EasySort™ series of negative selection and cell removal kits.

Each EasySort™ Sixteen-5/15 Magnet contains 16 separation holes, enabling efficient and easy simultaneous magnetic cell separation of up to 16 samples. On one side of the magnet pole, each hole can be used for 5ml (12 x 75 mm) round-bottom tubes, and on the other side, each hole can be used for standard 10mL or 14 mL (17 x 95 mm) round-bottom tubes or 15 mL conical tubes for cell separation. Each hole can separate 1.0 mL - 15.0 mL of cell suspension per time. The magnetic field strength is above 6000 Gauss, with faster adsorption speed and shorter waiting time. Using the side suction method, the magnetic bead adsorption situation at each hole position can be clearly observed, making the operation more convenient.

For detailed cell magnetic sorting procedures, please refer to the product manual of EasySort™ Cell Isolation Kits.



Cautions

1. Please keep the product clean and dry, After each time of using, please use 70% isopropanol, 1% sodium hypochlorite solution (bleach), or 0.1N HCl solution to spray and/or wipe the instrument. Do not immerse in aqueous solutions. Avoid prolonged contact with aqueous solutions. If exposed to corrosive solvents, clean the surface with a damp cloth and a mild detergent. **WARNING:** Do not

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autoclave the magnetic separator.

2. The magnet contains high-energy permanent magnets. Its magnetic strength will not significantly degrade over the product's intended service life. Do not use the magnetic rack at temperatures above 50°C (122°F).
3. This magnet has a strong magnetic field, please keep away from pacemakers, computers, cell phones, watches and other electronic products to prevent the dysfunction of related products.
4. Handle with care during operation. Avoid contact between two magnets. If magnets have already come into contact, do not attempt to pull or twist them apart – doing so may damage the device or cause injury to fingers.