

# MagnaRack™

Catalog no. CS15000

Store at room temperature



## Description

The MagnaRack™ is a two-piece magnetic separation rack for use in protocols with magnetic beads. The MagnaRack™ consists of a magnetic base station and a removable tube rack. The tube rack can hold up to 24 microcentrifuge tubes. The tube rack fits onto the magnetic base station in two different positions associating the row of 12 neodymium magnets with a single row of 12 tubes for simple and easy 'on the magnet' and 'off the magnet' sample processing (next page for details).

## Specifications

Base Station Dimensions:	29 cm x 12 cm x 1 cm
Tube Rack Dimensions:	27.5 cm x 8 cm x 3.5 cm
Base Station Material:	Polycarbonate, acrylic with neodymium magnets
Tube Rack Material:	Polycarbonate

The MagnaRack™ is compatible with alcohol but not compatible with chloroform, toluene, benzene, or acetone.

Part No. CS15000.pps

Rev. Date: 8 Dec 2004

For research use only. Not intended for any animal or human therapeutic or diagnostic use.

For technical support, contact [tech\\_service@invitrogen.com](mailto:tech_service@invitrogen.com).

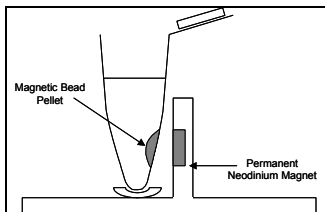
## Directions

### Mixing

To mix tube contents, ensure the lids for all tubes are closed, then place the tube rack with tubes on the bench. Place the flat bottom of the base station on top of the tube rack. Hold the two together firmly and shake to mix tube contents.

### Separation

The tube rack fits onto the base station in two positions bringing a different row of tubes adjacent to 12 neodymium magnets. To perform magnetic separation of 12 tubes placed in a row on the tube rack, place the tube rack onto the magnetic base station adjacent to the line of magnets ('on the magnet' position). In the 'on the magnet' position, all 12 magnets are aligned with the 12 tubes on the tube rack allowing magnetic bead separation. The magnetic bead pellet forms on the side of each tube allowing easy removal of the supernatant without disturbing the pellet (see figure below).



For the 'off the magnet' position, move the tube rack away from the magnet.

### Cleaning

Clean the MagnaRack™ with laboratory disinfectants or alcohols. Rinse with water and dry prior to use. The tube rack can be autoclaved. Do not autoclave the base station.

## Troubleshooting

To prevent the tubes lifting while closing the tube lids, press the front of the tubes towards the rack.

If a tube is displaced from its locating cup and is jammed, carefully loosen the tube by pressing from below or by placing the row of tubes on the magnetic bar. Be careful the tube does not jump out of the top as it is freed.

## Additional Products

MagnaRack™ is compatible with a variety of products that use magnetic bead-based separation and is specifically designed for ChargeSwitch® products. For more information on these products, visit our website at [www.invitrogen.com](http://www.invitrogen.com) or contact Technical Service.

## Limitations of Use

This product is developed and sold for research purposes only. The user should take all due care and attention in the handling of the materials contained in the kit.

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