

FOR RESEARCH USE ONLY!

Magnetic Separation Rack

09/20

(Catalog # M1501; Reusable; Store at RT)

I. Introduction:

BioVision's Magnetic Separation Rack is used to capture and separate magnetic beads used in magnetic beads based purification techniques. The rack captures magnetic beads which may be bound to DNA, viruses or cells in tubes. The biomolecules or cells are eluted and concentrated from the magnetic beads using appropriate buffers for downstream applications. **BioVision's Magnetic Rack** uses permanent magnets and has a compact design to accommodate different sizes of tubes including twelve 1.5 ml tubes, two 15 ml tubes and two 50 ml tubes.



II. Application:

- It is used for magnetic beads based purification of DNA, viruses or cells

III. Key Features:

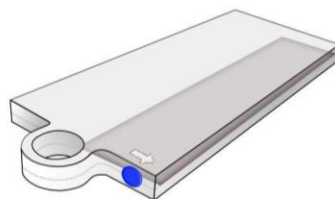
- Solid, durable, **completely reusable**
- Enables **efficient and rapid** separation
- Compatible with tubes from common suppliers
- Can be used at different temperatures
- Can be easily cleaned and decontaminated with 70% ethanol

IV. Shipping and Storage Conditions:

The Magnetic Separation Rack is shipped at room temperature (RT) and should be stored in a cool, dry environment. The Magnetic rack should be handled with care. It should be cleaned with a damp cloth and mild detergent or 70% ethanol. **It should not be autoclaved.** Avoid direct contact of rack with magnetic materials. Pacemakers, implants, watches, electronic devices, all ferrous material and magnetic media should be kept away from the magnetic rack.

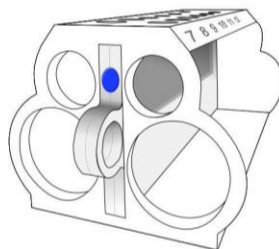
V. Usage Directions:

Remove the magnetic insert from the rack, rotate and put it back into the rack as shown in the figure above for 1.5 ml, 15 ml or 50 ml tubes appropriately.

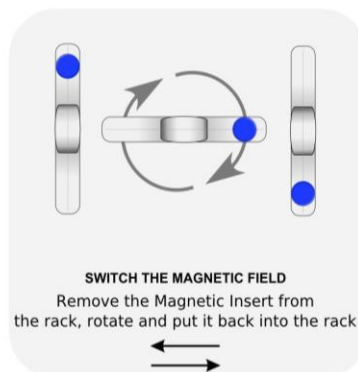


Magnetic insert

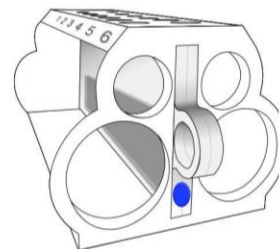
The colored dot and the arrow on the magnetic insert indicates the location of the magnetic field.



POSITION OF THE MAGNETIC FIELD
FOR 1.5mL or 15mL* TUBES



SWITCH THE MAGNETIC FIELD
Remove the Magnetic Insert from
the rack, rotate and put it back into the rack



POSITION OF THE MAGNETIC FIELD
FOR 50mL* TUBES

* use it in vertical position.

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VI. Related Products:

BioVision Product Name	Cat. No.	Sizes
Agarose gel DNA extraction and purification kit	K1441-100	100 Preps
Cell & tissue genomic DNA extraction and purification kit	K1442-100	100 Preps
Blood genomic DNA extraction and purification kit	K1443-100	100 Preps
PCR DNA extraction and purification kit	K1444-100	100 Preps
Plasmid DNA extraction and purification kit	K1445-100	100 Preps
Viral DNA extraction and purification kit	K1446-100	100 Preps
Apoptotic Cell Isolation Kit	K258-30	30 Isolations
Mag-Lentivirus and Retrovirus Purification Kit	K1458-20, -100	20, 100 Preps
Mag-Adenovirus Purification Kit	K1459-20, -100	20, 100 Preps

FOR RESEARCH USE ONLY! Not to be used on humans.