



## Magnetic Rack 96 well

Cat. No.: MAGR2\_1

### Description

The magnetic stand for 96 well plates is the ideal, space-saving solution for your laboratory needs. Its round design allows for easy access to reaction tubes during workflows, ensuring quick and efficient sample separation. The magnetic stand is easy to handle while saving valuable bench space in the laboratory.

### Application

Ideal for magnetic separation in cell culture, proteomics, and other life science applications. The 96-well plate magnetic stand is optimized for the use of various magnetic beads and is capable for most usual commercial plates with the help of an adaptor. It is excellent for efficient isolation of proteins and nucleic acids from small sample volumes in high throughput scale.

### Features and Benefits

- Rapid bead sedimentation through high-strength magnets
- Enables reproducible processes
- Delivers consistent results for standard protocols
- Optimal working volume: 10 to 200  $\mu$ l
- Ideal for suitable for various standard 96-well plates
- Can be combined with semi-automated sample processing workflows
- Provides good control and visibility of your sample

### Safety Information for Neodymium magnets

Magnets, composed of Neodymium, iron and boron alloy, are prone to corrosion and are coated with Nickel-Copper-Nickel (NiCuNi) to protect against moisture. However, both the coating and the magnets are susceptible to damage from impact or dropping, which may result in cracks, chipping or breakage.

### Handling and Safety

When handling neodymium magnets, it is important to note that damages caused by impacts are not considered defects but rather typical product characteristics. As such, magnets that are damaged due to improper handling will not be replaced. Improper use of these strong permanent magnets can also lead to pinching injuries. Additionally, the powerful magnetic field can interfere with or damage electronic devices, so it is essential to keep them away from pacemakers and data storage devices, as they can permanently erase data. The maximum operating temperature for these magnets is 80°C; exceeding this temperature may result in a permanent loss of magnetic strength. Furthermore, attempts to modify the magnets, such as drilling or cutting, can cause irreversible damage and generate hazardous debris. Lastly, it is important to remember that magnets are not toys and should be handled with caution.

For detailed information, see manufacturer's website: [Neodymium magnets](#).

### Product Use Limitation:

For research purpose use only.

