

96R Ring Magnet Plate



Catalog # (P/N): A001219

Precautions: This magnet plate contains extremely strong neodymium magnets. Individuals with pacemakers or implantable cardioverter-defibrillators (ICD) should avoid contact with this product. Studies have shown the potential for interference between strong NdFeB magnets and these medical devices (<http://www.ncbi.nlm.nih.gov/pubmed/17198980>). Do not allow the unit to come in contact with metal objects or other magnets. Damage will occur to magnetized media, such as diskettes or credit cards, near the plate. Damage may also occur to computers and CRT-based monitors near the magnets. Under no circumstances should two magnet plates be allowed to “snap” together; the magnets are strong enough to cause injury and separating them is almost impossible. Do not heat above 80°C as this will cause loss of magnetic strength. Do not autoclave.

USER INFORMATION

Product Description: The ALPAQUA® 96R Ring Magnet Plate is designed for fast and efficient magnetic bead separations in volumes up to 300 µl. With its SBS footprint it fits into standard liquid handler plate nests or plate hotels, stackers, etc. Grooves on the long sides provide space for robotic arms or grippers when moving microplates on and off the magnet plates. The 96 strong ring magnets cause paramagnetic beads to aggregate in a circle around the perimeter of the well bottom, leaving a bead-free area of several millimeters diameter in the center of the well for pipet tips to aspirate sample supernatant, wash fluids, or eluates. This effect can be achieved with a variety of microplate types like PCR plates, U-, and V-bottom plates. Not recommended for flat bottom plates. For volumes exceeding 300 µl use of the ALPAQUA 96S Super Magnet Plate is recommended (Cat. No. A001322).

Alpaqua Magnet Plates feature patented* Alpillo® Plate Cushion technology, facilitating supernatant removal and wash steps.

Visit www.alpaqua.com for additional information and a list of compatible microplates.

Cleaning: If solutions are spilled onto the 96R Ring Magnet Plate, rinse the unit with water and gently tap on a towel or similar to remove water from the magnets and springs. Allow to air dry completely.

OTHER INFORMATION

Warranty and Liability: For research use only. Not for use in diagnostic procedures. Alpaqua Engineering, LLC is committed to delivering superior product quality and performance. Warranty information for this product is available at www.alpaqua.com/OnlineStore/TermsConditions.aspx in "8. LIMITED WARRANTY". Please contact Alpaqua if you have any questions about our warranties or would like information about post-warranty support.

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SPECIFICATIONS

