

96M Magnum™ Plate



Catalog # (P/N): A000250

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® 96M Magnum Plate is designed for fast and efficient magnetic bead separations, covering a wide range of working volumes. 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, including deep well plates. Not recommended for flat bottom plates. Materials used: Aluminum, SS, Polycarbonate.

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 96M Magnum Plate, clean the unit with water or alcohol and use a towel or, if available, compressed air to remove liquid from the magnets and springs. Allow to air dry completely.

OTHER INFORMATION

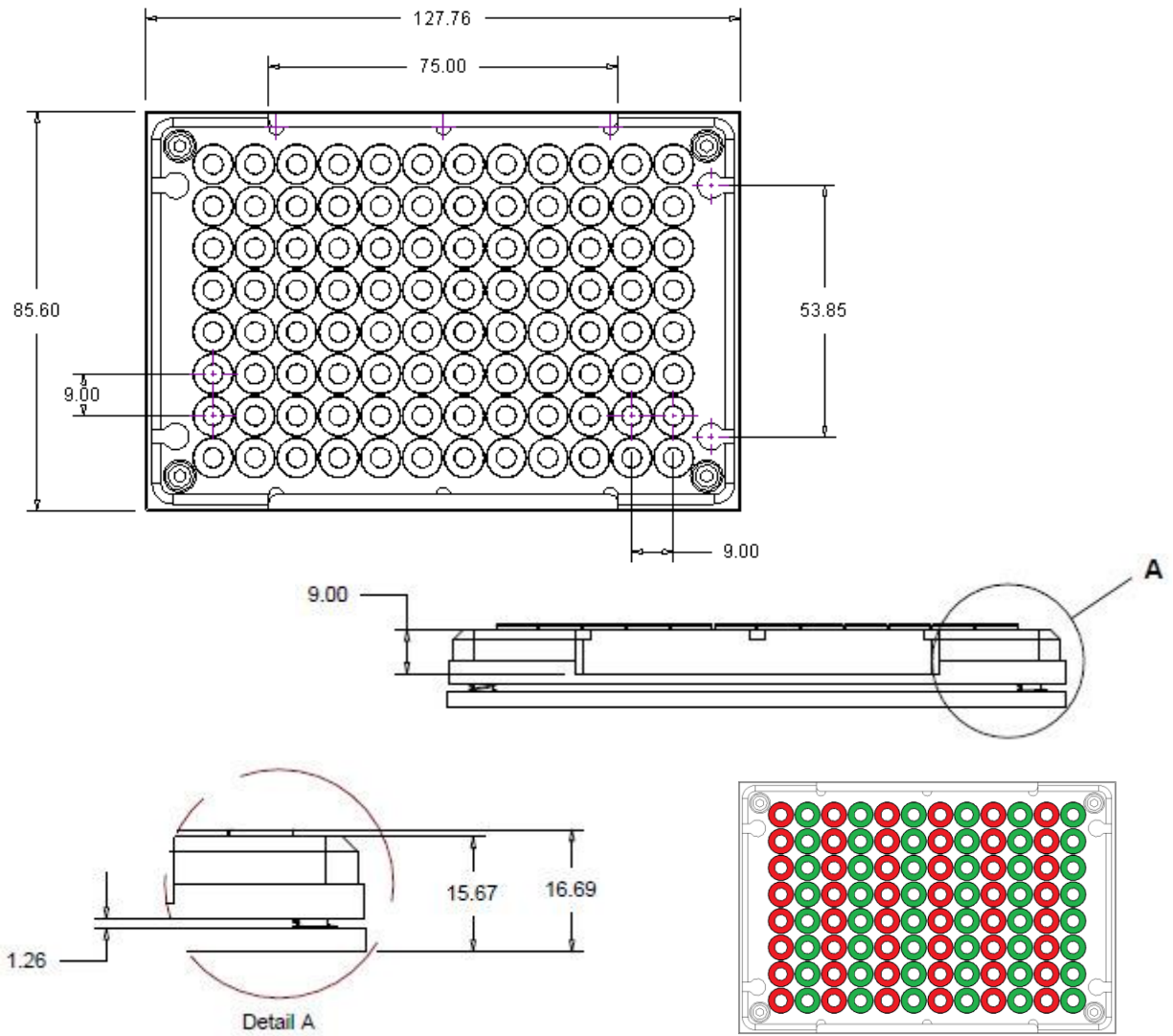
Warranty and Liability: For research use only. Not for use in diagnostic procedures. Alpaqua Engineering, LLC is committed to delivering superior product quality and performance. Warranty information for the accompanying product is available at www.alpaqua.com/OnlineStore/TermsConditions.aspx in "8.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

The information in this document is subject to change without notice. Alpaqua assumes no responsibility for any errors that may appear in this document and disclaims all warranties with respect to this document, expressed or implied, including but not limited to those of merchantability or fitness for a particular purpose. In no event shall Alpaqua be liable, whether in contract, tort, warranty, or under any statute or on any other basis for special, incidental, indirect, punitive, multiple or consequential damages in connection with or arising from this document, including but not limited to the use thereof.

Trademarks and Patents: Alpaqua and Alpillo are registered trademarks of Alpaqua Engineering, LLC.
*This product is protected under US Patent 6,755,384.

©2012-2014 Alpaqua Engineering, LLC. All Rights Reserved. [PI000250-1014]

SPECIFICATIONS



©2012-2014 Alpaqua Engineering, LLC

Magnet Pattern:
"By Column"