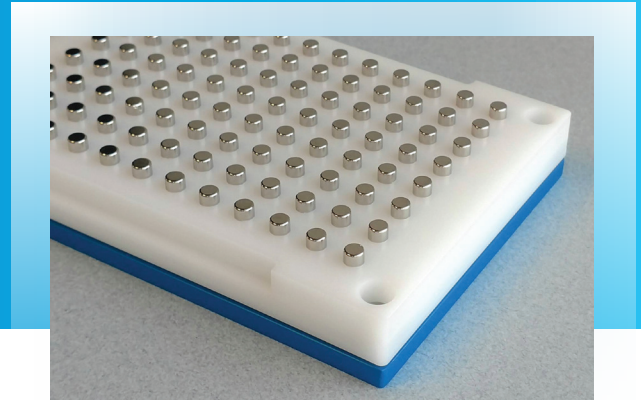


384LE Post Magnet Plate

Low Elution in 384-Well PCR Plates



Rapid Separation - Low Elution Volumes

The Alpaqua 384LE Post Magnet Plate is specifically designed to meet the challenges of low-input, high-throughput library construction protocols by reducing bead-cleanup elution volumes to as low as 4 μ l in a fully automatable format.

Library construction remains one of the most cost-intensive steps in any NGS workflow, but recent advances in sub-microliter dispensing offer the potential for significant savings in both assay time and reagent expenses. To realize these efficiencies, every component of the workflow must support the desired miniaturization. The 384LE magnet plate enables significantly smaller reaction sizes than were previously possible.

High-Throughput Magnetic Bead Separation

- Ideal for high-throughput nucleic acid extraction from small sample volumes
- Elute in as little as 4 μ l to avoid product dilution
- Works with most 384-well PCR plates (rigid plates are strongly recommended)
- Spring cushion technology for precision pipetting on automated liquid handling workstations

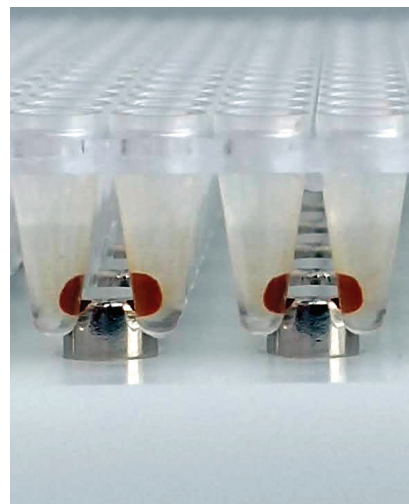


384LE Post Magnet Plate

With Integrated Spring Cushion Technology

Lowest Elution Volume

- Rapid separation in 384-well PCR plates
- Elution in as low as 4 μ l - no adapter required
- Ease of pipetting - beads are pulled to the side
- SBS footprint for easy automation
- Works with standard 384-well PCR plates (rigid plates recommended)



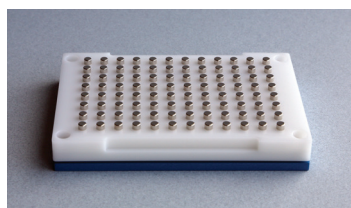
Innovative Design for Quality, Speed, and Ease of Automation

When working with small amounts of source material, dilution of the product in the final elution step is of great concern. The Alpaqua 384LE Magnet Plate addresses this by allowing elution in as little as 4 μ l. This is achieved by pulling the beads further towards the bottom of the well where less buffer is required to elute the product off the beads. Less buffer means higher product concentration going into the next step in the workflow.

This product includes spring cushion technology for efficient supernatant removal. To further enhance precision pipetting we recommend the use of rigid, two-component PCR plates that resist warping, especially after thermocycling.

Ordering Information

Buy online at www.alpaqua.com/shop, or place your order by phone, fax, or email at sales@alpaqua.com.



384LE Post Magnet Plate

The 384 LE Post Magnet Plate is built for rapid bead separations in 384-well PCR plates while allowing elutions in as little as 4 μ l of buffer. Built with automation in mind, the 384 LE plate will fit on all standard liquid handlers. With built-in spring cushion technology to enhance supernatant removal.

Product Name	Description	Catalog #
384LE Post Magnet Plate	Low-Elution Magnet Plate for 384-well PCR Plates	A000420

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