

Magnum FLX[®]24HV

Universal 24-well Magnet Plate
for High Bead Volume Cleanups



Powerful Separation of High Bead Volumes... ... Crisp Rings and Clean Elutions

The Magnum FLX24HV Universal Magnet Plate is the perfect tool for separating large-volume cleanup reactions with high bead loads. Beads are pulled into clean, well-defined rings that make supernatant removal a breeze. Built with concentric ring magnet architecture that enables up to 30% faster separation times and elution volumes of 100 μ l.

Large Volume Magnetic Bead Separation

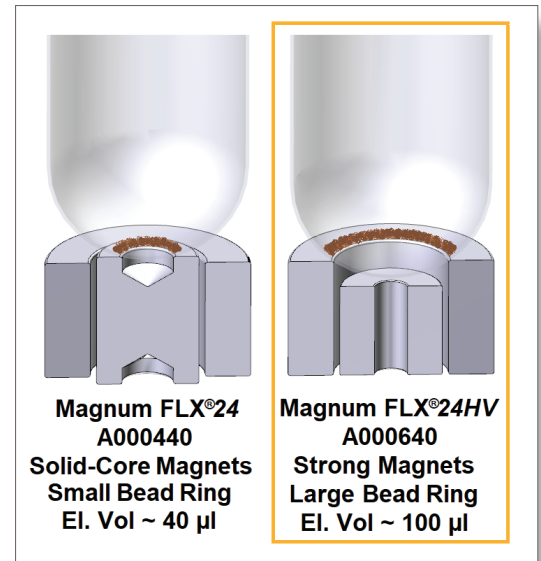
- Isolation of cell free DNA (cfDNA) from serum and plasma
- Large scale isolation of genomic DNA (gDNA) from whole blood, serum or plasma
- Isolation of gDNA or RNA from viscous plant or animal lysates
- Separation, isolation, or enrichment of cell populations from large liquid volumes using functionalized magnetic particles

Magnum FLX[®]24HV

With Integrated Spring Cushion Technology and PAQLOC[™]

Compatibility Like No Other

- Universal 24-well plate compatibility - round bottom, conical bottom, and pyramid bottom deep-well plates
- Proven integration on a wide variety of automation platforms
- Sample volumes - up to 9 ml
- Large Bead Rings: Clean Elutions without bead loss
- Sample type - efficient recovery even from complex, viscous samples



Innovative Design for Quality, Speed, and Ease of Automation

The Alpaqua Magnum FLX24HV contains a combination of our most powerful concentric NdFeB ring magnets capable of rapid and highly efficient magnetic bead separation from large volume or high viscosity solutions. Typical bead separation times are 30% faster than our standard ring magnets used in the MagPlate24. In contrast to the Magnum FLX24 magnet plate, the inner ring magnet in the Magnum FLX24HV is recessed, causing the beads to settle around the outer, bigger ring magnet, as shown above. This leaves more room for bead-rich reactions to form a clear bead ring around the well perimeter without occluding the center, making supernatant removal easy and efficient. The minimum elution volume in this scenario is around 100 µl. Like many other Alpaqua magnet plates, the Magnum FLX24HV magnet plate contains integrated spring cushion technology for improved automated pipetting consistency and sample recovery. Built with PAQLOC[™] - ALPAQUA's innovative spring cushion lock for easy manual pipetting. Patent Pending.

Ordering Information

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

Magnum FLX24HV

The Alpaqua Magnum FLX24HV magnet plate employs our strongest ring magnets, a concentric magnet architecture, and an elevated universal base. The Magnum FLX24HV is compatible with most deep-well, round-, conical- and pyramid-bottom 24-well microplates.

Product Name	Description	Catalog #
Magnum FLX [®] 24HV	Universal Magnet Plate (24-well) for High Bead Volumes	A000640

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