

Catalog Number	Tube Compatibility	Dimensions (L x W x H)	Material / Magnets
TZ008	1.5 / 2.0 ml tubes (x8) 0.1 / 0.2 ml PCR strips (x2)	82 x 59 x 32 mm (Foldable & Portable)	Paper-based Eco-friendly 4 High magnetic force Magnets

Introduction

The Geneaid EcoMag Stand-8 is a versatile, eco-friendly magnetic stand specifically designed for rapid and efficient magnetic bead separation. Featuring a patented dual-sided (Two-Way) structure, it seamlessly accommodates both standard 1.5 / 2.0 ml centrifuge tubes (up to 8 tubes) and 8-strip 0.1 / 0.2 ml PCR tubes (up to 2 strips / 16 tubes). Crafted from premium paper-based eco-materials with 4 exceptionally powerful permanent magnets, the stand achieves clean bead collection in as little as 30 seconds, delivering outstanding separation performance while supporting environmental sustainability.

Product Configurations & Two-Way Dual Platform



Figure 1: Stand Overview
Compact & Foldable Paper Design



Figure 2: 1.5 / 2.0 ml Mode
Capacity: 8 x Centrifuge Tubes

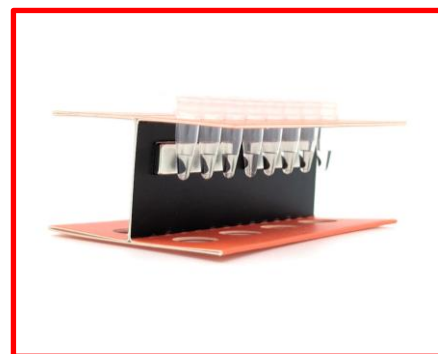


Figure 3: 8-Strip PCR Mode
Capacity: 2 x PCR Strips (16 wells)

Standard Magnetic Separation Protocol

- Select Tube Side:** Orient the EcoMag Stand-8 for the required tube format (Wide apertures for 1.5/2.0 ml tubes, or narrow array for 0.1/0.2 ml 8-strip PCR tubes).
- Binding & Incubation:** Resuspend magnetic beads thoroughly with target sample/lysis buffer in accordance with the kit manual. Complete binding incubation.
- Magnetic Separation:** Place tubes directly into the stand slots. The 4 high-force permanent magnets will pull beads toward the tube wall within 30–60 seconds, forming a clear pellet.
- Supernatant Aspiration:** Carefully aspirate and discard the clear supernatant using a pipette without disturbing the bead pellet on the tube wall.
- Wash & Elution Steps:** Remove tubes from stand for wash buffer addition and bead resuspension. Repeat magnetic capture as directed, followed by elution.

Caution & Maintenance

- High Magnetic Field:** Contains 4 powerful permanent magnets. Keep away from magnetic media, pacemakers, and avoid pinching hazard.
- Cleaning & Care:** Gently wipe with a soft cloth dampened with deionized water. DO NOT immerse in water or expose to excess liquid due to paper-based eco-material.
- Chemical Resistance:** Avoid prolonged contact with strong acids, alkalis, or aggressive organic solvents.
- Safety:** During the procedure, always wear a lab coat, disposable gloves, and protective goggles.

Compatible Geneaid Kits

Kit	Cat. No
Geneaid Magnetic Beads Virus DNA/RNA Extraction Kit II	MV048/MV096/MV480
Geneaid Magnetic Beads Genomic DNA Extraction Kit (Blood)	MB048/MB096
Geneaid Magnetic Beads Genomic DNA Extraction Kit (Bacteria)	ME048/ME096
EcoExtra™ Magnetic Beads PCR purification kit	MC048/MC096
Geneaid Magnetic Beads Genomic DNA Extraction Kit (Plant)	MCP048/MCP096
Geneaid Magnetic Beads gSYNC DNA Kit (Tissue)	MGS048/MGS096
Geneaid Magnetic Beads Soil Genomic DNA Extraction Kit	MS048/MS096