

magtivio



MagSi-NGS^{PREP} Plus
*A Simple and Quick Way to
Consistent NGS Results*

Magnetic bead-based **MagSi-NGS^{PREP} Plus** provides a convenient tool for ultra-fast and efficient purification and size selection of DNA products. The kit is optimized for use on Biomek[®] Laboratory Automation workstations and Hamilton[®] Microlab STARline. **MagSi-NGS^{PREP} Plus** allows either non-selective binding, or size-targeted binding of double-stranded DNA fragments ranging from 80 – 1000 bp with specific reagent volume to sample volume ratio's. By increasing the volume of **MagSi-NGS^{PREP} Plus**, the efficiency of binding smaller fragments increases. This enables the user to selectively keep or discard undesired fragment sizes. **MagSi-NGS^{PREP} Plus**' flexible protocols are easy to automate for high-throughput processing.

High quality results

- Size selective DNA purification;
Based on proven SPRI[®] technology
- High recovery and purity of PCR products
- Excellent removal of enzymes, primers, oligonucleotides, polymerases, salts and other contaminants
- Fragment size selection can be tuned between 100 and 1000 base pairs
- Guarantees consistent sequencing results

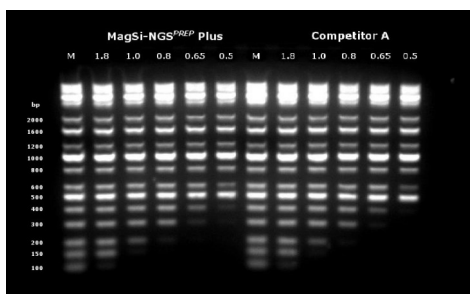


Fig 1 and 2. Left-sided SPRI[®] fraction retained by beads with different reagent-to-sample volume ratios in gel electrophoresis and bioanalyzer measurements.

Simplify your routine

- One product for all clean-up and size selection steps in the library preparation work-flow
- Simple bind-wash-elute procedure with short process time
- Protocol easily adjustable for clean-up or size selection using specific reagent-to-sample ratios
- Manual and automated use
- Compatible with standard protocols of common library preparation kits

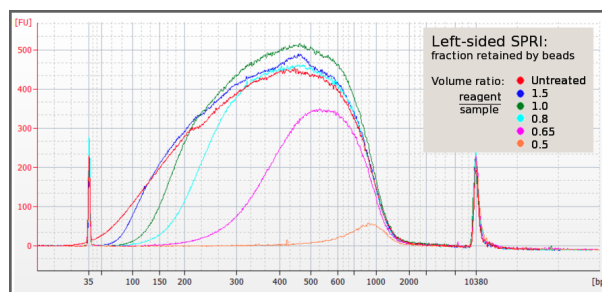
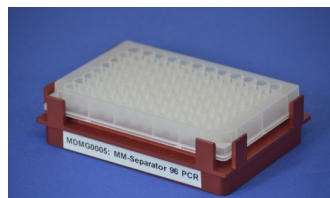


Fig 3. Magnetic Separators for 96 and 384 well PCR plates for automated processing (MDMG0005 and MDMG0006)

Easy to automate

- Identical protocol as competitor magnetic beads Agencourt AMPure XP[®]
- Optimized for use on Biomek[®] Laboratory Automation Workstations and Hamilton[®] Microlab STARline
- Compatible with many different automated liquid handling systems (e.g. PerkinElmer[®], Agilent Technologies[®])
- Optimized separation performance using 96 and 384 well plate magnetic separators



Art. No.	Product	Volume
MDKT00010005	MagSi-NGS ^{PREP} Plus	5 mL
MDKT00010075	MagSi-NGS ^{PREP} Plus	75 mL
MDKT00010500	MagSi-NGS ^{PREP} Plus	500 mL
MD90001 / MDMG0001	MM-Separator M12 + 12 / MM-Separator M12 + 12 P (for manual use)	
MD90002 / MDMG0002	MM-Separator M96 / MM-Separator M96 P (for manual use)	
MDMG0005	MM-Separator 96 PCR (for automated processing)	
MDMG0006	MM-Separator 384 PCR (for automated processing)	

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