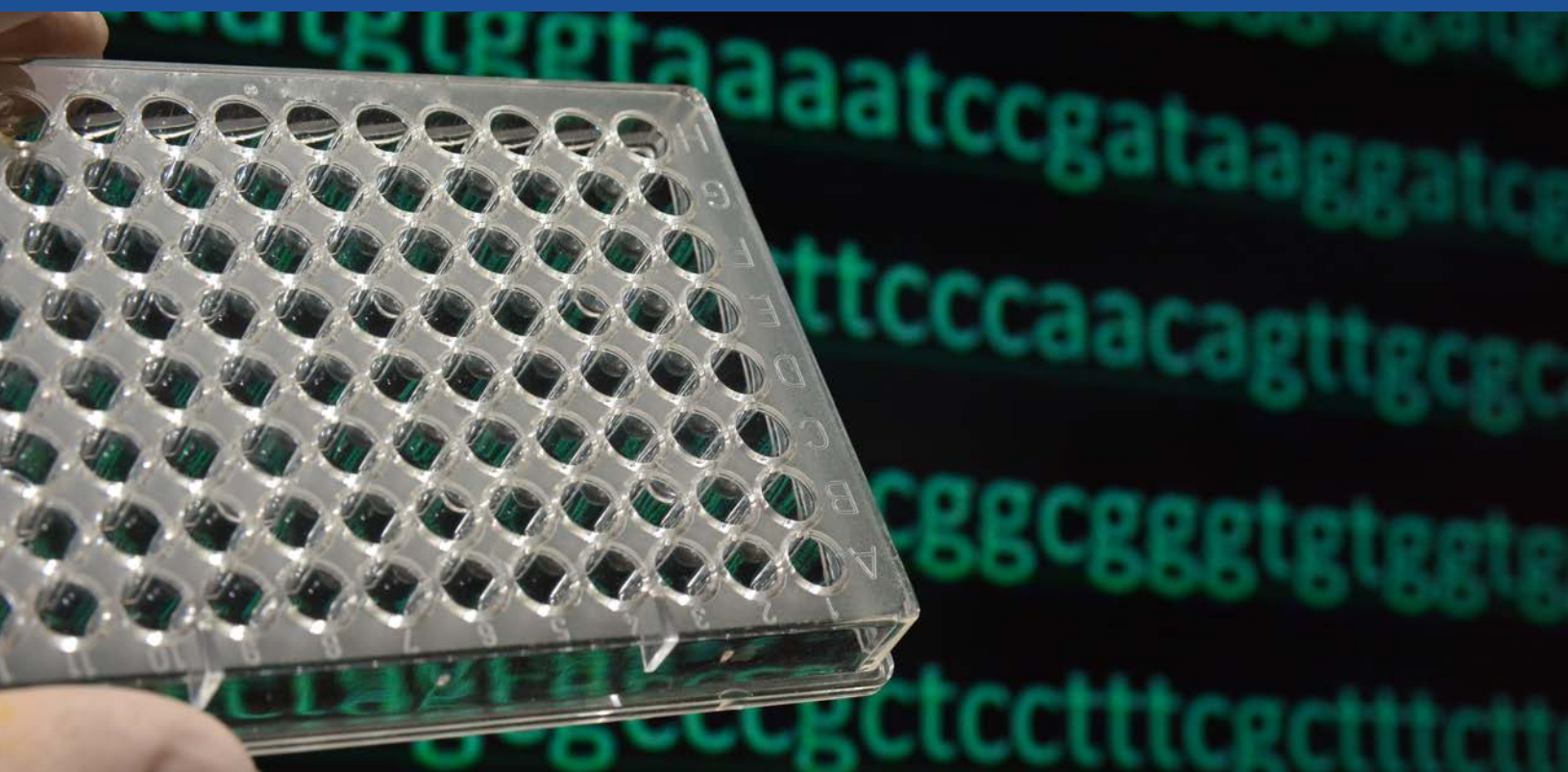


amsbio

magtivio

# MagSi-NGS<sup>PREP</sup> Plus

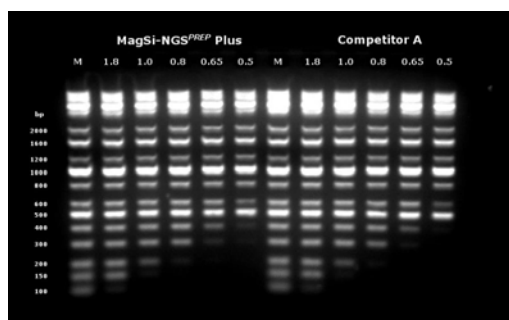
A SIMPLE AND QUICK  
WAY TO CONSISTENT  
NGS RESULTS



Magnetic bead-based **MagSi-NGS<sup>PREP</sup> 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<sup>®</sup> Laboratory Automation workstations and Hamilton<sup>®</sup> Microlab STARline. **MagSi-NGS<sup>PREP</sup> 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<sup>PREP</sup> Plus**, the efficiency of binding smaller fragments increases. This enables the user to selectively keep or discard undesired fragment sizes. **MagSi-NGS<sup>PREP</sup> 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



### 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

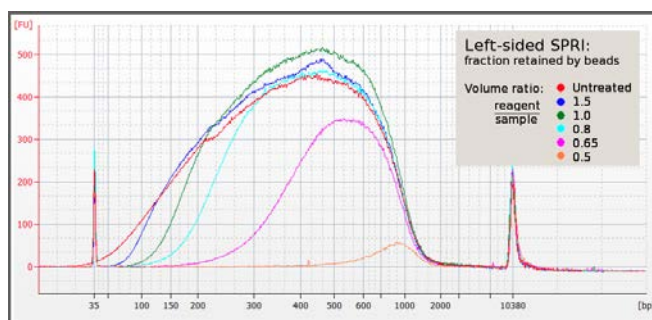


Fig 1 and 2. Left-sided SPRI® fraction retained by beads with different reagent-to-sample volume ratios in gel electrophoresis and bioanalyzer measurements.

### 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



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

Description	Pack Size	Catalogue No.
MagSi-NGS <sup>PREP</sup> Plus	5 mL	MDKT00010005
MagSi-NGS <sup>PREP</sup> Plus	75 mL	MDKT00010075
MagSi-NGS <sup>PREP</sup> Plus	500 mL	MDKT00010500
MM-Separator M12 + 12 / MM-Separator M12 + 12 P (for manual use)		MD90001 / MDMG0001
MM-Separator M96 / MM-Separator M96 P (for manual use)		MD90002 / MDMG0002
MM-Separator 96 PCR (for automated processing)		MDMG0005
MM-Separator 384 PCR (for automated processing)		MDMG0006