V0/2019-09-04

High-Throughput Automated Nucleic Acid Extraction System using *MagListo*™ Kit (96 Samples)

MagListo™ X *ExiPrep*™96 Lite

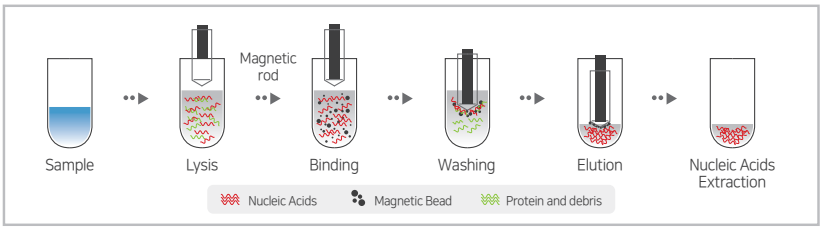
Prevention of contamination
- UV-sterilization between extraction

Innovative magnetic rod system
- Superfast movement - Prep within 30 min
- Multiple combination - 32, 64 or 96 preps

High yield and purity
- Multiple heating blocks
  - High efficiency of sample lysis/final elution

Ease-of-use
- 7" - touch screen with built-in OS
- Preprogrammed, sample-optimized protocol (User-modification possible)

ExiPrep™96 Lite can automatically extract nucleic acid using magnetic rods and *AccuNanoBead*™ magnetic nanobeads. So, *MagListo*™ series can be applied to *ExiPrep*™ 96 Lite (A-5250) for high-throughput nucleic acid extraction.



Process of nucleic acid extraction using magnetic rods

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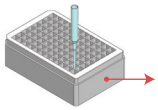
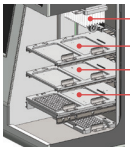
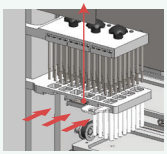
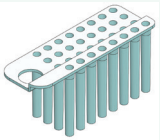
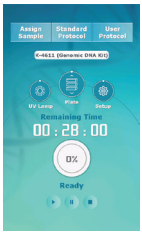
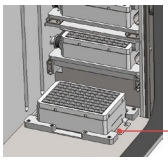
Automation of Nucleic acid extraction using *ExiPrep*™96 Lite

- To apply *MagListo*™ series to *ExiPrep*™ 96 Lite (A-5250), please refer to the guide below.
- For more information, please visit www.bioneer.com and refer to User's Guide of the product.

Step	Image	Description
Prepare buffer cartridge		Dispense adequate volume of buffers and samples to 96-well dome plate (Cat. No. 90060, 90061, 90062, 90063).
Set up		❶ Touch "Plate icon" to open "Buffer Cartridges Layer". ❷ Set up the buffer cartridge on "Buffer Cartridges Layer" of *ExiPrep*™96 Lite.
	Rod Cover Plate  Magnetic Rod Cover 	❶ Touch "Plate icon" to open "Rod Cover Plate". ❷ Set the magnetic rod cover to "Magnetic Rod Cover Plate" of *ExiPrep*™96 Lite.
Select protocol		❶ Touch "Standard Protocol". Standard Protocol ❷ Select adequate protocol for your sample. ❸ Touch "select icon".
Run protocol		❶ Touch "Run icon". ❷ Nucleic acid extraction will proceed automatically and it takes about 30 ~ 50 min depending on the protocol.
Purified nucleic acid		❶ Purified nucleic acid will be in elution buffer cartridge (on the bottom of *ExiPrep*™96 Lite).