

Compact, automated nucleic acid extraction system

SEEPREP³²™

SEEPREP³²™, the automated extraction system, can simultaneously extract up to 32 specimens within just 30 minutes, which guarantees to enhance productivity and efficiency of your laboratory.

○ Application of a wide range of specimen types

- Simultaneous extraction of nucleic acid (DNA/RNA) from various types of specimens

- Whole blood	- Swabs (Nasopharyngeal, Vaginal, Cervical, Urethral, Rectal)	- Sputum
- Serum	- LBC (Liquid based cytology)	- Stool (Cary-Blair)
- Plasma	- Aspirate (Nasopharyngeal)	- CSF
- Urine	- BAL (Bronchoalveolar lavage)	

○ Short turnaround time

- Extraction of 1~32 specimens in less than 30 minutes

○ Superior user convenience

- A simple interface and a remote tablet operation
- Ready-to-use reagent cartridge
- No loss of reagents when using any of 1 to 32 specimens per run



(STARMag 96 ProPrep / STARMag 96 ProPrep plus)



Compact, automated nucleic acid extraction system

More efficient and effective extraction system

1 Easy operation

- Easy to monitor the whole process
- Operates by tablet as a remote control mode
- Allows the operator to create a new protocol by tablet

2 Qualified performance

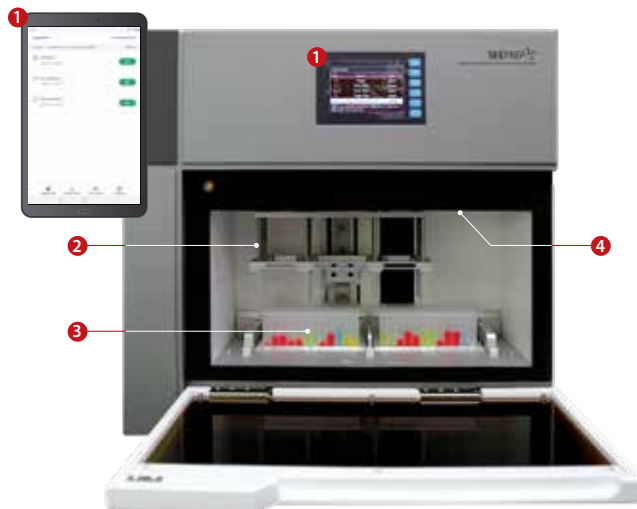
- Highly purified extracted nucleic acid
- Magnetic bead transfer-based extraction

3 Ready-to-use reagent cartridge

- Prefilled extraction reagents for user convenience
- Only one protocol covering various types of specimens

4 Prevention of contamination

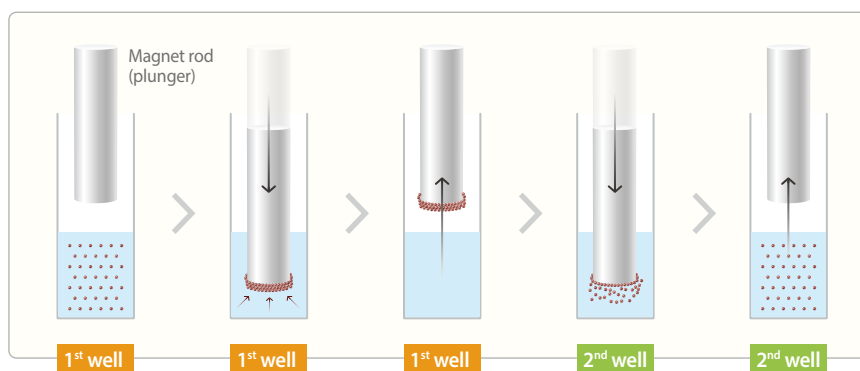
- Internal sterilization with built-in UV light



The principle of the magnetic bead transfer-based nucleic acid extraction

SEEPREP³² takes advantages of the magnetic rods that automatically transfer the magnetic beads-nucleic acid mixture from one well to another, then process the cell lysis, nucleic acid adsorption, washing and elution.

- Minimizing PCR inhibitors
- Rapid extraction
- Reducing consumables



Technical specification

Extraction system method	Magnetic bead transfer
Processing capacity	1 to 32 specimens per run
Turnaround time	Within 30 minutes for 32 specimens
Hands-on time	5~10 minutes
Convenience function	Wireless control tablet
Power input	100-240VAC, 50-60Hz
Power consumption	600W

Dimension (W x D x H)	440 x 430 x 445 mm
Weight	31.5kg
Operating temperature	20~30℃
Relative humidity	10% - 80% R.H. (non-condensing)
Magnetic rod	32 ea
Sample volume	200 µL
Elution volume	100 µL

Ordering information

Category	Cat. No.
Instrument SEEPREP32™	SG71100
Extraction reagent STARMag 96 ProPrep	EX00009P / EX00009T
Extraction reagent STARMag 96 ProPrep plus*	EX00010P / EX00010T

* only for Whole Blood, Serum, Plasma



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