

Automated Magnetic Bead Based Nucleic acids Extractions

# SEE PREP12™



## Small in Size - Big in Performance

SeePrep12™ utilizes a new and innovative technology for the purification of Nucleic Acids. It provides a significant reduction in both purchasing and running costs. The interchangeable pump/tip assembly allows variable input sample volumes.

# SeePrep12™

Easy to use and compact instrument for DNA & RNA extraction



## Features

- A. Provides full traceability
  - Barcode reading from sample and reagents.
- B. Integrated UV light for decontamination
- C. Unique pump pipetting system for preventing contamination risk
- D. Protocols for the most difficult clinical samples.
- E. Ability to do process up to 0.5mL of blood for nucleic acid purification
- F. Collection from primary sample tube in pipeline.



## Available Sample

- A. Blood
- B. Serum
- C. Cell pellet
- D. Sputum
- E. Stool
- F. Swabs (cervical, vaginal, nasal)
- G. Tissue
- H. Urine

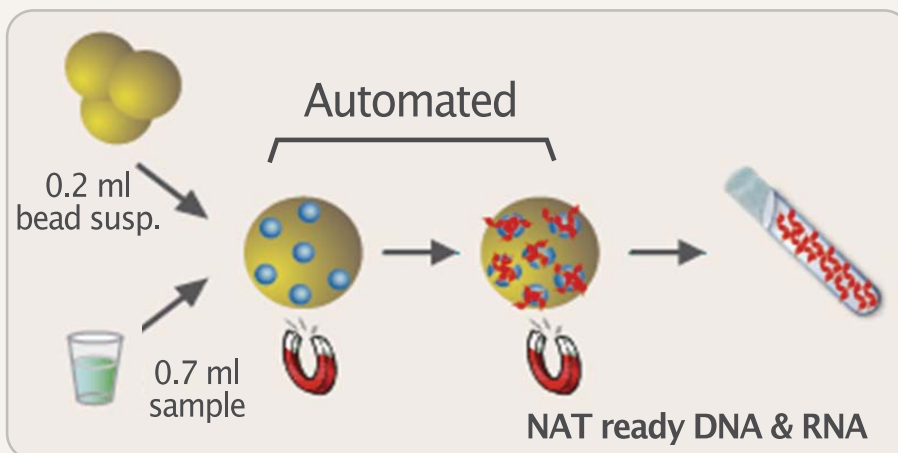
## Specification

- A. Number of Channels : 12
- B. Number of Samples : 1-12
- C. Throughput for 1-12 samples : From 30 minutes depending on protocol
- D. Method: Magnetic bead
- E. Sample vol. : ~1.6 ml
- F. Elution vol. : 100 µl
- G. Dimension: 442 (W) X 445 (D) X 465 (H) mm
- H. Weight: 17kg

## Ordering information

SeePrep12™      Cat. No. SPN1200

## SeePrep™ Basic Technology



- A. Mix sample with the magnetic beads.
- B. Capture bacterial cells and remove sample matrix.
- C. Lyse bacterial cell, and bind DNA to the beads.
- D. Wash away cell debris.
- E. Re-suspend in appropriate NAT-eluent.
- F. Robotic transfer to NAT recipient.

## Procedure

- A. Read barcode
- B. Load tips
- C. Load and peel cartridges
- D. Load samples
- E. Start
- F. DNA/RNA recovery (30 min)

Manufactured by NorDiag ASA (Norway)



Seegene, Inc.

Taewon Bldg., 65-5, Bangyi-Dong, Songpa-Gu, Seoul 138-050, Korea  
 Tel: +82-2-2240-4022      Fax: +82-2-2240-4040  
 E-mail: world@seegene.com

Seegene USA

9700 Great Seneca Highway, Rockville, MD 20850, U.S.A.  
 Tel: +1-301-762-9066, Fax: +1-301-762-9088  
 E-mail: usa@seegene.com