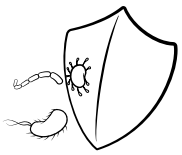
Automated Nucleic Acid Extraction Platform

MPure-32™ aNAP System

FEATURES AND BENEFITS

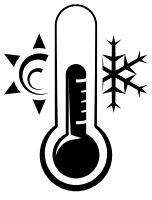
Easy-To-Use and Highly Flexible

Built-in Protocols with the touch of a button. Customize your own protocols for any specific application.



Minimal Contamination Risk

Built-in UV light reduces the chance of cross-contamination.



Accurate Temperature Control System

Two heating blocks ensure your assay is run at the optimal temperature for maximum yield, speed, and result consistency.

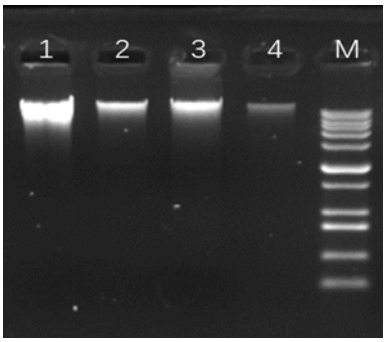
MPure-32™ aNAP System is a fully automated magnetic bead-based nucleic acid extraction system. It can process up to 32 samples simultaneously within a short period of time (around 40 to 60 minutes).

Besides its capability to extract nucleic acid with high purity and yield, MPure-32™ aNAP System is easy to use; this eliminates the risk of human error and cross-contamination.

PROVEN PERFORMANCE

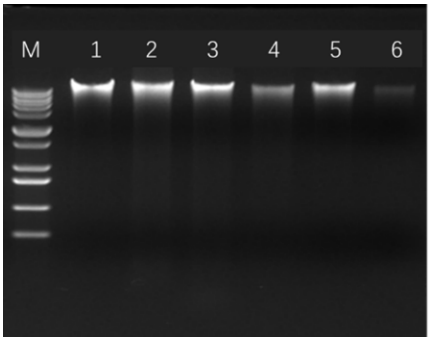
The performance of **MPure-32™ aNAP System** has been extensively evaluated with MagBeads FastDNA/ FastRNA Kits. The following data show the high yield and purity of gDNA extracted from various soil samples and feces samples.

gDNA extracted from various soil samples using **MagBeads FastDNA® Kit for Soil**



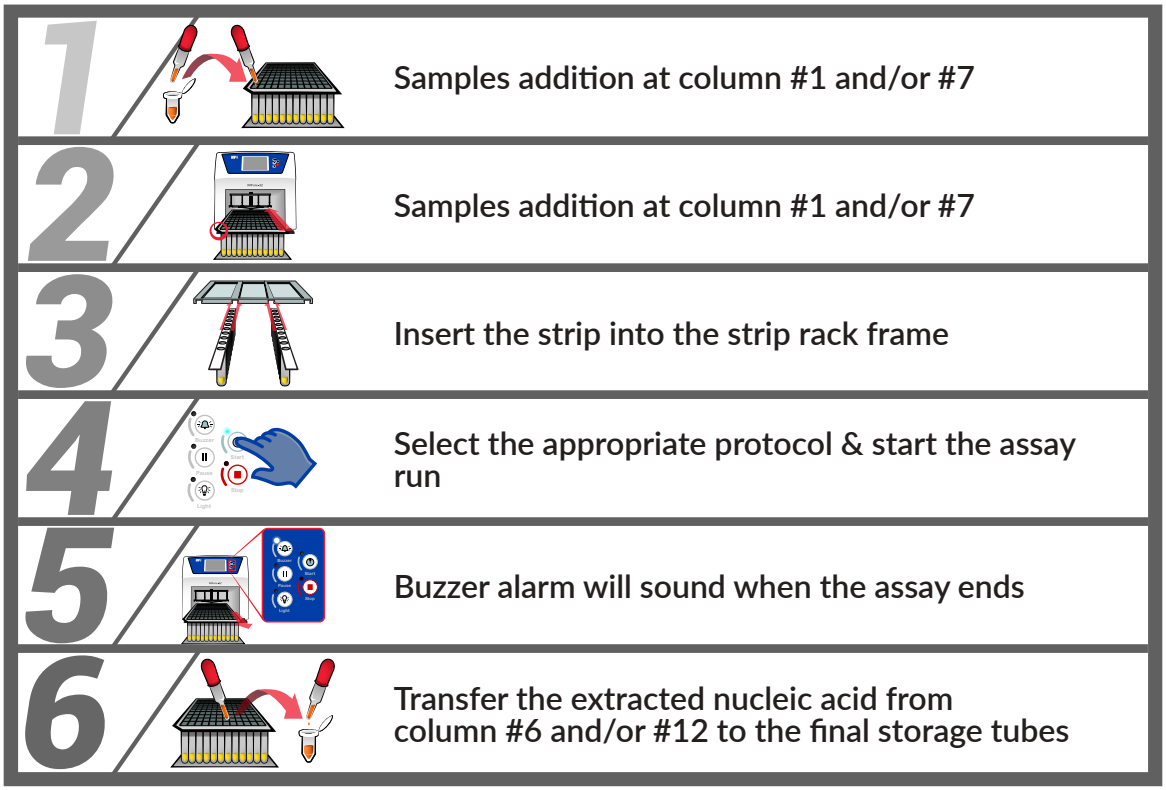
Lane M: 1kb plus DNA ladder
Lane 1: Organic Soil 3µL
Lane 2: Flowerbed Soil 8µL
Lane 3: Saline Soil 8µL
Lane 4: Desert Soil 8µL

gDNA extracted from various feces samples using **MagBeads FastDNA® Kit for Feces**



Lane M: 1kb plus DNA ladder
Lane 1: 30mg Swine Feces
Lane 2: 15mg Mouse Feces
Lane 3: 30mg Human Feces
Lane 4: 150mg Chicken Feces
Lane 5: 150mg Bovine Feces
Lane 6: 150mg Elephant Feces

OPERATION PROCEDURES



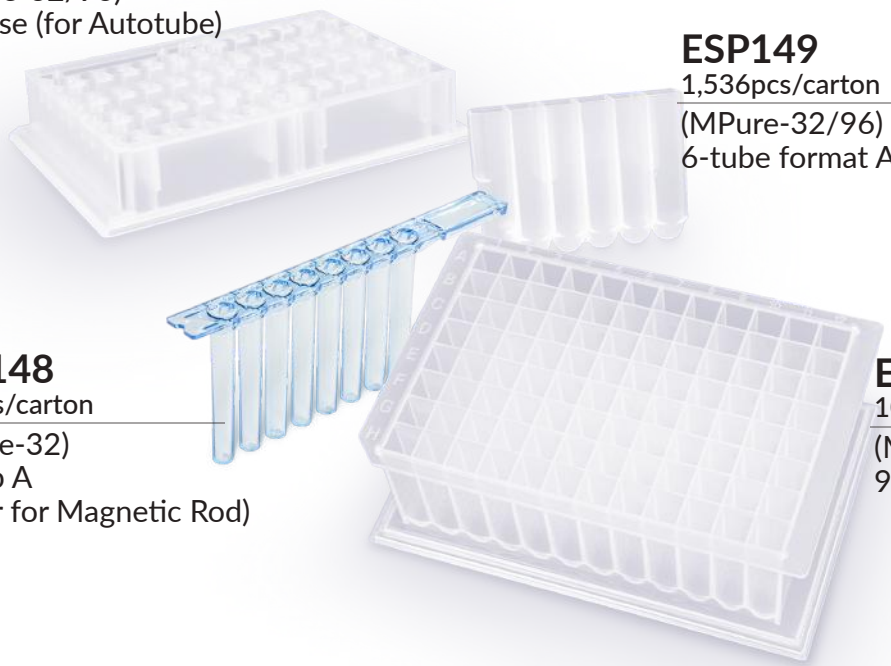
SPECIFICATION

Model	MPure-32™
Catalog No	EMC043 (CE version) EMC043D (RUO version)
Run Time	45 ~ 60min
Samples per run	Max 32 Samples
Weight (NW)	21kg
Dimensions (WxDxH)	38cm x 35cm x 37cm
Power Supply	3.2A 100 - 240V
Processing Volume	50µl - 1,000µl
Magnetic Rod	>4,300 gauss
Temp Control	1 Set
Heating Block	Yes (2pcs)
Heating	RT ~ 70°C
UV Lamp	Yes
Display	5.5” Touch Screen

CONSUMABLES

ESP150
300pcs/carton
(MPure-32/96)
16-base (for Autotube)

ESP149
1,536pcs/carton
(MPure-32/96)
6-tube format Autotube



ESP148
500pcs/carton
(MPure-32)
8-strip A
(Cover for Magnetic Rod)

ESP151
100pcs/carton
(MPure-32/96)
96 Deep-well (Autoplate)

REAGENT KITS

MP Biomedicals offers a range of reagent kits for various types of biological samples. User has the flexibility to self-assemble the reagents with the relevant consumables for maximum cost-effectiveness or purchase the pre-filled reagent kits for greater convenience.

Catalog No.	Product Name	Pack Size
116561050	MagBeads FastDNA® Kit for Soil	50 preps
116570400	MagBeads FastDNA® Kit for Feces	50 preps
116571192	Magbeads FastDNA/RNA Kit for virus	192 preps
116572096	Magbeads FastRNA Kit	96 preps
116573192	Magbeads FastRNA Kit for FFPE	192 preps
116575192	Magbeads FastDNA Kit	192 preps
116574096	Magbeads FastDNA Kit for Blood	96 preps
116576096	Magbeads FastDNA Kit for FFPE	96 preps
116577192	Magbeads Fast Circulating DNA Kit	192 preps
116578050	MagBeads FastRNA Kit for Virus	50 preps
117033100	(MPure-32) MagBeads FastDNA® Kit for Soil (Ready-to-Use)	96 preps
117033200	(MPure-32) MagBeads FastDNA® Kit for Feces (Ready-to-Use)	96 preps
117033300	(MPure-32) MagBeads FastDNA/RNA Kit for Virus (Ready-to-Use)	96 preps
117033400	(MPure-32) MagBeads FastRNA Kit (Ready-to-Use)	96 preps
117033500	(MPure-32) MagBeads FastRNA Kit for FFPE (Ready-to-Use)	96 preps
117033600	(MPure-32) MagBeads FastDNA® Kit (Ready-to-Use)	96 preps
117033700	(MPure-32) MagBeads FastDNA Kit for Blood (Ready-to-Use)	96 preps
117033800	(MPure-32) MagBeads FastDNA Kit for FFPE (Ready-to-Use)	96 preps
117033900	(MPure-32) MagBeads Fast Circulating DNA Kit (Ready-to-Use)	96 preps
117035100	(MPure-32) MagBeads FastRNA Kit for Virus (Ready-to-use)	96 preps

MP BIOMEDICALS

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