

Fully Automated DNA/RNA Extraction and Purification System

Adding UV Lamp and Bar-code Reader

Features

Easy Operation

- Insert IC Card, Load Pre-Filled Reagent and Samples

Contamination Preventing

- One Tip/Pre-Filled Reagent Cartridge for one sample
- Decontamination by built-in UV Lamp

Hi-Speed Process

- Handling 12 samples per run in 35 minutes(DNA)

Versatility

- Selecting IC card for a protocol and setting pre-filled reagent for DNA/RNA purification.

Bar-code Reader (Option)

- Managing Sample tube, Reagent and Elution tube by an optional Bar-code Reader



Basic process of genetic analysis



1. Insert IC Card



2. Load Pre-filled reagent



3. Load Samples



4. DNA/RNA will be eluted to Elution Tube



5. Bar-coder Reader for managing sample, reagent and Elution tube

Run	Sample	Reagent	Elution	Retention Date	Protocol	Version	Date	
1	Full	AK00001	ED004	AK10001	2008/01/27	Magtration-Magtration-HiK-Common-Pla	V1.0	2008/01/27 10:42
2	Full	AK00002	ED004	AK10002	2008/01/27	Magtration-Magtration-HiK-Common-Pla	V1.0	2008/01/27 10:42
3	Full	AK00003	ED004	AK10003	2008/01/27	Magtration-Magtration-HiK-Common-Pla	V1.0	2008/01/27 10:42
4	Full	AK00004	ED004	AK10004	2008/01/27	Magtration-Magtration-HiK-Common-Pla	V1.0	2008/01/27 10:42
5	Full	AK00005	ED004	AK10005	2008/01/27	Magtration-Magtration-HiK-Common-Pla	V1.0	2008/01/27 10:42
6	Full	AK00006	ED004	AK10006	2008/01/27	Magtration-Magtration-HiK-Common-Pla	V1.0	2008/01/27 10:42
7	Full	AK00007	ED004	AK10007	2008/01/27	Magtration-Magtration-HiK-Common-Pla	V1.0	2008/01/27 10:42
8	Full	AK00008	ED004	AK10008	2008/01/27	Magtration-Magtration-HiK-Common-Pla	V1.0	2008/01/27 10:42
9	Full	AK00009	ED004	AK10009	2008/01/27	Magtration-Magtration-HiK-Common-Pla	V1.0	2008/01/27 10:42
10	Full	AK00010	ED004	AK10010	2008/01/27	Magtration-Magtration-HiK-Common-Pla	V1.0	2008/01/27 10:42
11	Full	AK00011	ED004	AK10011	2008/01/27	Magtration-Magtration-HiK-Common-Pla	V1.0	2008/01/27 10:42
12	Full	AK00012	ED004	AK10012	2008/01/27	Magtration-Magtration-HiK-Common-Pla	V1.0	2008/01/27 10:42

Magtration® Technology



Specifications

Product	Magtration System 12GC PLUS
Type	Bench Top
Nozzles	12 Nozzles
Sample Volume	100 ~ 500 μ l ※1
Dispensing Volume	25 ~ 1000 μ l ※1
Sample per run	Up to 12 samples per run
Throughput	30 to 40 minutes / 1~12 Samples ※2
Heat Block	40 ~ 80 °C

※1 Depends on the protocol ※2 Change by protocol

Protocol	Plasmid DNA, Genomic DNA whole blood, MagaZorb RNA/Common, MagaZorb DNA/CommonN
Software	IC Card
Others	UV Lamp
Power	100 ~ 240 V, 50 / 60 Hz, 240 VA
Dimension	500(W) × 534(D) × 574(H) mm
Option	Bar-Code Reader
Weight	57 Kg

Product

Code	Product	Packing
A1500	Magtration System 12GC PLUS	1 set
A1500-1	Bar-code Reader	1 set

IC Card for Protocol

Code	Product	Packing
I1501	Plasmid DNA PLUS	1 set
I1510	Genomic DNA whole blood PLUS	1 set
I1554	Magtration-MagaZorb RNA/Common PLUS	1 set
I1555	Magtration-MagaZorb DNA/CommonN PLUS	1 set

Reagents

Code	Product	Packing
E1001	Magtration Plasmid DNA	48 tests
E1014	GC Series Genomic DNA whole blood Kit※3	48 tests
E2004	GC Series Magtration-MagaZorb RNA Common Kit※3	48 tests
E2005	GC Series Magtration-MagaZorb DNA Common Kit 200N※3	48 tests

※3 Including tubes for sample and elution and Tip set

Consumables

Code	Product	Packing
F4300	Tip set for GC series	300 pcs.
F4301	Reaction Cartridge for GC series	350 pcs.

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All information in this catalogue will be changed without notice.

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