

Automated Nucleic Acid Extraction System

magLEAD I2gC



1

Easy Operation

Less than 5 minutes of hands-on time.

2

Three types of reagents suitable for varies sample types

Whole blood, Plasma, Serum, Swabs, Sputum, Stool, Saliva, Cerebrospinal fluid(CSF), Urine, FFPE, etc.
Pretreatment is required depending on sample type and sample condition. Please contact us for details.

3

Reduce contamination risk

Using prefilled reagents(with splash guard, no need to remove aluminum seal)
Using internal UV lamp.

Operation Procedure

Start up the instrument and protocol

Set up reagents, consumables and samples

Start Run

Time required

Less than 5 minutes

Approx. 26 minutes

when using MagDEA Dx SV 200 protocol

1. Set the protocol card and turn on the power



2. Operate the control panel



3. Load reagents and consumables with samples on the rack



4. Set the rack on the instrument



5. Start the system



Instrument specifications, related reagents and consumables



magLEAD 12gC

Product code	A1120
Standard	CE-IVDR instrument
Instrument type	Bench top
Size	W500 x D540 x H570 mm
Weight	Approx. 55 kg
Number of sample	1 to 12
Sample Processing time	Approx. 12-64 min/run
Sample liquid volume	200 µL / 400 µL / 1,000 µL
Eluate liquid volume	50 µL / 100 µL / 200 µL
Protocol	Exclusive IC card
Decontamination method	Internal UV lamp
Power	AC100-240 V ±10 % / 50 / 60 Hz
Maximum power consumption	300 VA

Reagents Lineup - MagDEA Dx Series

Product Name	Product Code	Qty	Overview
MagDEA Dx SV	E1300	48 tests	For total nucleic acid extraction from a 200 µL or 400 µL sample
MagDEA Dx MV II	E1323	48 tests	For total nucleic acid extraction from a 1,000 µL sample
MagDEA Dx SV RNA	E1330	48 tests	For total RNA extraction from a 200 µL sample

Consumables Lineup

Product Name	Product Code	Qty	Overview
magLEAD Consumable Kit	F4430	50 tests	Tips and tubes used in extraction on magLEAD 12gC
2.0mL Cryopreservation Tube W/Cap	F4450	200 tests	Additional tubes used with the MagDEA Dx MV II and miRNA on magLEAD 12gC*

* The reagent to be used with this consumable depends on the protocol.

Additional Reagents and Accessories

Product Name	Product Code	Qty	Overview
DNase I (Lyophilized)	E1331	48 tests	For MagDEA Dx SV RNA only (DNase Tube Adapter Kit is required)
DNase Tube Adapter Kit	G6431	12 pcs	For MagDEA Dx SV RNA kit only (1 Cap Remover contained)
Prep Buffer A	E1400	1 bottle	Inactivation buffer for MagDEA Dx SV
Prep Buffer B	E1401	1 bottle	Pretreatment buffer for FFPE tissue
Proteinase K	E1402	1 bottle	Pretreatment enzyme for FFPE tissue
Prep Buffer C	E1403	1 bottle	Buffer for extraction of total nucleic acid including miRNA using MagDEA Dx SV

The performance, specifications and appearance of products described in this catalogue are subject to change without prior notice.