



Performance ▶

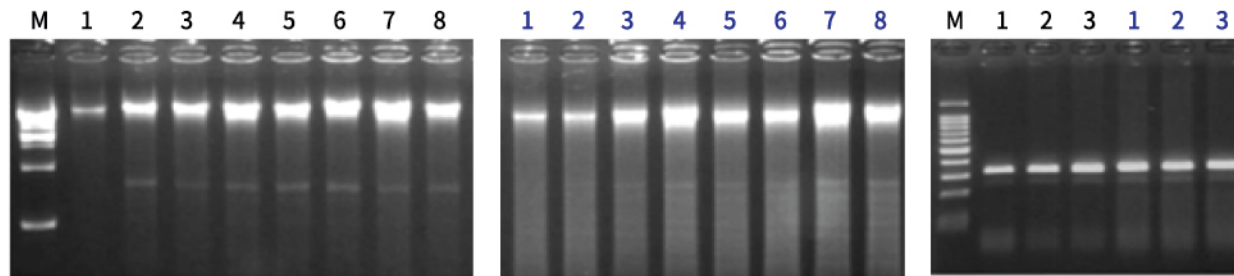
1. Nucleic Acid Extraction from EDTA Blood 200µℓ

	1	2	3	4	5	6	7	8
Conc. (ng/µℓ)	40	59.6	60	60.2	60.6	64.9	66.2	79.6
A _{260/280}	1.83	1.87	1.78	1.75	1.82	1.85	1.85	1.78
Total amount (µg)	4	5.9	6	6	6	6	6.6	7.9

2. Nucleic Acid Extraction from HEK 293T Cell(1x10⁶)

	1	2	3	4	5	6	7	8
Conc. (ng/µℓ)	102.2	106.6	118.9	139.1	144.2	151.1	198	207.1
A _{260/280}	1.9	1.93	1.93	1.92	1.92	1.95	1.93	1.96
Total amount (µg)	10	10	11	13	14	15	19	20

3. Electrophoresis and PCR results



Extracted nucleic acid from 200µℓ of whole blood

Extracted nucleic acid from cell

Blood Cell

Ordering Information ▶

Product	Package	Cat. No.
NC-15 PLUS(32well)	1set	HWTD-01-32
NC-15 PLUS(48well)	1set	HWTD-01-48
NCX Whole blood DNA Extraction Kit	96tests	HWTR-WB-01-P96
NCX Whole blood DNA Extraction Kit(individual type)	48(96)test	HWTR-WB-02-P48
NCX Cultured Cell Extraction Kit	96tests	HWTR-CC-01-P96
NCX Cultured Cell Extraction Kit(individual type)	48(96)test	HWTR-CC-02-P96
NCX Buffy Coat Extraction Kit	96tests	HWTR-BC-01-P96
NCX Buffy Coat Extraction Kit(individual type)	48(96)test	HWTR-BC-02-P48
NCX Swab Extraction Kit	96tests	HWTR-SW-01-P96
NCX Swab Extraction Kit(individual type)	48(96)test	HWTR-SW-02-P48
NCX CSF Extraction Kit	96tests	HWTR-CSF-01-P96
NCX CSF Extraction Kit(individual type)	48(96)test	HWTR-CSF-02-P48
NCX Tissue Extraction Kit	96tests	HWTR-TI-01-P96
NCX Tissue Extraction Kit(individual type)	48(96)test	HWTR-TI-02-P48
NCX Serum/Plasma Extraction Kit	96tests	HWTR-SP-01-P96
NCX Serum/Plasma Extraction Kit(individual type)	48(96)test	HWTR-SP-02-P48

* Please contact us by email if you may have more inquiry.



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Korean Intellectual Property Office (No. 10-1654402)



Ministry of Food and Drug Safety (No. 15-38)

Magnetic Beads Method

NC-15 PLUS

Automated Nucleic Acid Extraction System



Model : NC-15 PLUS(32/48)



“NC-15 PLUS is the 3rd generation of automated nucleic acids extraction system which includes functions such as touch monitor, heating block and rugged durability.”



NC-15 PLUS Features ▶

- It is easy and simple to operate and available for the field test.
- Results can be obtained faster with extraction time of approximately 25 minutes.
- The new adopted heating and high-speed mixing functions can be applied to various samples.
- The outstanding durability of inner structure makes it possible to obtain consistent results for a long time.
- One to thirty-two samples can be tested at once without any losses.

Specifications ▶

Parameter	Specification
DNA/RNA extraction method	Beads method
Number of Sample	Up to 32
Processing Time	20-45 Minutes
Touch Monitor	7" inch
Convenience function	Self test USB update
Input Power Universal Supply	100~240VAC, 50-60Hz, 1.5A
Output Power Power	+24VDC +3% (150W Maximum)
Power Supply	UL/CSA/CE Approved universal power supply with IEC connection
Physical Dimension	340 x 420 x 345mm (13.88 x 16.53 x 13.58 inch)
Weight	24kg
Operating Temperature: Relative Humidity:	10°C to 40°C (50°F to 104°F) 30% to 85% R.H. non-condensing
UV LAMP	LifeTime 4800 Hours

Compact Size ▶



Easy Control & Update

- 3-depth protocol and easy use on touch monitor
- Real-time monitoring of time and progress
- Update by USB connector



High Speed

- High purified nucleic acids can be collected with the high mixing speed up to 900RPM



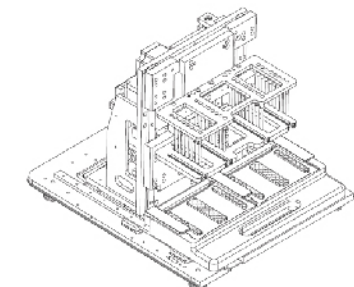
Built-in Heating Block

- Warming up within 3 minutes (up to 70°C)
- Available for various types of sample such as sputum
- Optimizing lysis and elution



Durability

- Individual control of driving parts
- More than 90 percent of the aluminized parts



Extraction reagents

- One sample can be purified in the individual plate
- Refer to Ordering Information on next page



Individual plate



96Well Plate

