

## Performance ▶

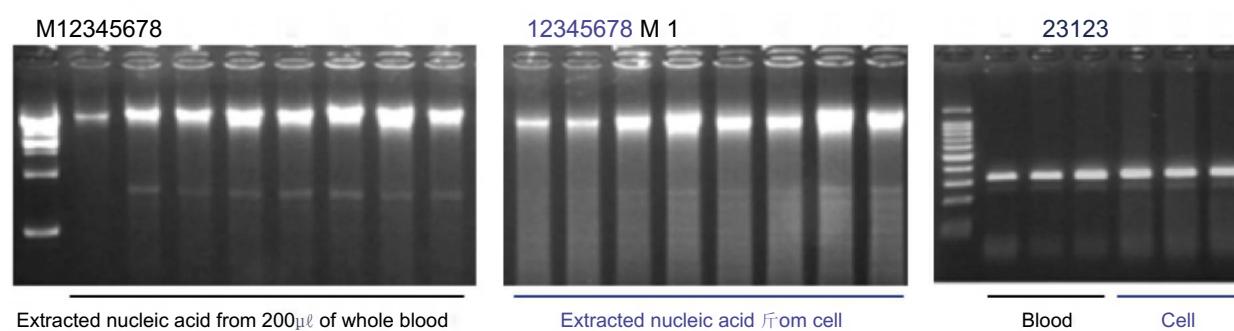
### 1. Nucleic Acid Extraction from EDTA Blood 200 $\mu$ l

	1	2	3	4	5	6	7	8	
Cone. (ng/pO)	40	59.6	60	60.2	60.6	64.9	66.2	79.6	
A260/280	1.83	1.87	1.78	1.75	1.82	1.85	1.85	1.78	
Total amount (pg)	4	5.9	6	6	6	6	6.6	7.9	

### 2. Nucleic Acid Extraction from HEK293T Cell(1x10<sup>6</sup>)

	1	2	3	4	5	6	7	8	
Cone. (ng/pP)	102.2	106.6	118.9	139.1	144.2	151.1	198	207.1	
A260/280	1.9	1.93	1.93	1.92	1.92	1.95	1.93	1.96	
Total amount (pg)	10	10	11	13	14	15	19	20	

### 3. Electrophoresis and PCR results



## 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	9 6 tests	HWTR-CC-01-P96
NCX Cultured Cell Extraction Kit(individual type)	48(96)test	HWTR-CC-02-P96
NCX Buffy Coat Extraction Kit	9 6 tests	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	9 6 tests	HWTR-CSF-01-P96
NCX CSF Extraction Kit(individual type)	48(96) test	HWTR-CSF-02-P48
NCX Tissue Extraction Kit	9 6 tests	HWTR-TI-01-P96
NCX Tissue Extraction Kit(individual type)	48(96) test	HWTR-TI-02-P48
NCX Serum/Plasma Extraction Kit	9 6 tests	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-N

Automated Nucleic Acid Extraction System



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

Magnetic Beads Method

# NC-15 PLUS-N

Automated Nucleic Acid Extraction System



## 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	■ to 40°C (50°F to 104°F) 30% to 85% R.H. non-condensing
UVLAMP	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



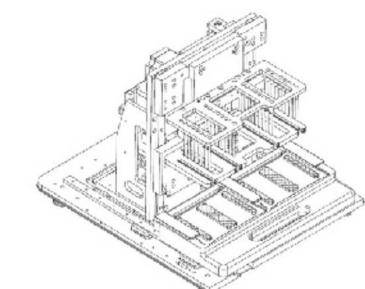
## Built-in Heating Block

- 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