

RADI EXTRACTOR SERIES

AUTOMATIC EXTRACTION SYSTEM

RADI MX 16/32



REF AA1000, AA3000

CELL-FREE
DNA

FORENSIC

NGS

TB/NTM
DNA

OTHER
PATHOGENS

Improved yield by
**HIGH SPEED
ORBITAL
SHAKING**

US FDA
LISTING

FAST & COMPACT



- Extraction of 16 & 32 samples by using magnetic particles within 25 to 120 minutes
- Bench top size instruments

HIGH PERFORMANCE



- High performance by using the Mixing Bead Collection Technology (MBTC)
- Can get maximum amount of high quality nucleic acid from various samples (blood, sputum, tissue, plasma, serum, plant, etc)

VARIOUS TYPES OF SAMPLE



- TB/NTM, Gram + extraction **without pre-processing**
- **Cell-free DNA extraction (sample volume up to 4ml)**
- Sample volume customized up to 2 ml
- Final elution volume customized from 15ul to 400ul

EASY OF USE



- Disposable pre-filled cartridges used for simple process
- Simple interface with touch screen

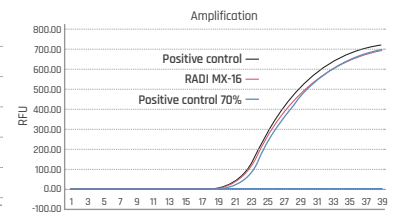
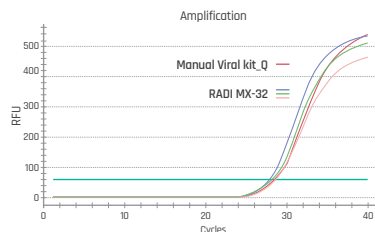
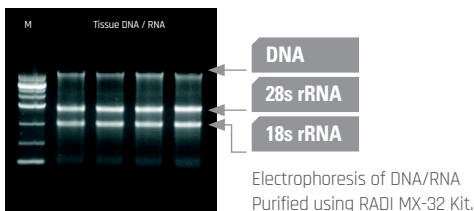
INSTRUMENT SPECIFICATIONS

	RADI MX-16	RADI MX-32
Throughput	Up to 16 samples	Up to 32 samples
Type of kits	Pre-filled cartridge and bore	
Sample volume	0.05 – 2 ml (4 ml for cell free sample)	
Elution volume	15 – 400 ul	
Processing time	25 – 120 minutes (depending on sample type and method)	
Automatic UV disinfection	Yes	
Heating Block	Yes	
Weight	38 kg	45 kg
Dimensions(mm)	360Wx455Dx446H (14.17x17.91x17.56 inch)	360Wx610Dx446H (14.17x24.02x17.56 inch)
Power Requirement	100 – 240 VAC, 50 – 60 Hz, 11 A	

* Regulatory Compliance : CE, KFDA (Korea)

PERFORMANCE

gDNA / RNA extracted from Tissue DNA / RNA



Standard components

RADI MX-16, RADI MX-32	Reagent Bottle (2)	1 USB Cable	Hex Wrench
1 Power Cable	UV Lamp	Container Rack	1 Year Warranty

Target Gene	Kit	Sample volume	Content	Ct value	Target Gene	Kit	Sample volume	Content	Ct value
	RADI MX-16/32		KH Medical	27.70		RADI MX-16/32		KH Medical	25.38
H1N1	Viral RNA Purification kit	200 ul	Manual viral kit_Q	27.99	IS6110	Cell-free DNA HQ purification kit	500 ul	Positive control	22.28
				28.35				Positive control (70%)	25.96
				28.52					

ORDERING INFORMATION

Cat. No	PRODUCT	DESCRIPTION	PACKAGING SIZE	Cat. No	PRODUCT	DESCRIPTION	PACKAGING SIZE
AA1000	RADI MX-16	Automatic Extraction System	1EA	CX6000	RADI CONCENT-32*	Automatic Extraction System	1EA
AA3000	RADI MX-32	Automatic Extraction System	1EA	CX7100	RADI CONCENT-32/ONE Blood DNA Purification Kit	For whole blood	96 tests/kit
A1110	RADI MX-16/32 Blood DNA purification kit	For up to 200ul blood	48 tests/kit	CX7110	RADI CONCENT-32/ONE Viral DNA/RNA Purification Kit	For plasma and serum	96 tests/kit
A1111	RADI MX-16/32 Blood M1 DNA purification kit	For up to 1000ul blood	48 tests/kit	CX7120	RADI CONCENT-32/ONE Cell DNA Purification Kit	For cultured cell	96 tests/kit
A1118	RADI MX-16/32 Cell-free DNA HQ purification kit for 1ml	For up to 1ml plasma	48 tests/kit	CX7130	RADI CONCENT-32/ONE Urine DNA Purification Kit	For urine	96 tests/kit
A1120	RADI MX-16/32 Cell DNA purification kit	For up to 5X10 ⁶ tissue culture cells	48 tests/kit	CX7140	RADI CONCENT-32/ONE STD DNA Purification Kit	For urine and swab	96 tests/kit
A1124	RADI MX-16/32 STD DNA purification kit	For STD	48 tests/kit	CX7150	RADI CONCENT-32/ONE TB/NTM DNA Purification Kit	For sputum	96 tests/kit

Manufacturer: **KH Medical Co., Ltd.**

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