

ALLEX[®] 64

Automated Nucleic Acid Extraction System

COMPACT
COMPREHENSIVE



► Product Information

ALlEx® 64

Automated Nucleic Acid Extraction System



ALlEx® 64 is developed with compact but comprehensive solution for automated nucleic acid extraction in mind. It combines the benefits of proven magnetic bead technology with the capability to extract 64 samples in a compact, benchtop equipment. ALlEx® 64 sets a new standard for automated nucleic acid extraction.

In conjunction with dedicated reagent kits, it delivers high yield and purity of DNA, RNA or total nucleic acids from a variety of samples. The extracted nucleic acids are compatible with countless downstream applications including PCR, qPCR, qRT-PCR and sequencing.

ALlEx® 64, designed by experts for experts, is at the ready for exploring new paths.



GENEALL BIOTECHNOLOGY CO., LTD

COMPACT, COMPREHENSIVE

Productivity

Mitigate user processing errors while enhancing the productivity

- Strip Loader eliminating the potential for missed strip
- Auto and error-free protocol selection with on-board barcode scanning
- Recovering from the last failed/interrupted run
- Tracking of run history

Efficiency

Smart Monitoring, Flexible Processing

- Intuitive monitoring through LED status circle and marked progress bar
- Flexible cartridge options depending on the sample amount



Reliability

Control cross-contamination, improve safety

- HEPA filter filtering harmful particles
- Contamination prevention with UV sterilization
- Air inflow and outflow purification by ventilation fan

Proven performance

Ensure high-quality nucleic acid extraction

- Hot air exhaust fan forcing the residual ethanol evaporation for pure nucleic acid
- Optimized reagent kits compatible with a wide range of downstream applications



Supports a broad range of sample materials

Biofluids - Blood, saliva, serum, urine		Cell/tissue - Tissue, FFPE, plant, swab
Environmental - Stool, soil, food		Microbe - bacteria, virus, fungi

AlIEx® 64 Technical Specifications

General

Extraction system method	Magnetic beads
Processing capacity	1 to 64 samples per run
Run time	10 minutes for 64 samples depending on protocol
Starting volume	Up to 400 µl

Hardware and Software

Dimension W x D x H	420 x 599 x 440 mm
Weight	36.5 kg
Features	10.1" Touch TFT LCD Auto Cassette Loader Auto Protocol Loading Onboard Barcode Scanner Reverse Loading Prevention Emergency Stop & Resume Hot Air Exhaust HEPA Filter UV Lamp Auto Mechanical Calibration Progress Bar Status Circle USB Interface

Kits and Applications

Reagent design	Pre-filled, ready-to-use extraction reagent kit
Cartridge type	Single Cartridge, Plate Cartridge
Nucleic acids	Total nucleic acids including genomic DNA, viral NA, RNA

Ordering Information

Category	Cat. No.	Product Name
Instrument	AEX064	AlIEx® Automated Nucleic Acid Extraction System
	934-048	AlIEx® Viral DNA/RNA Kit [48T]
Extraction Kits	934-096	AlIEx® Viral DNA/RNA Kit [96T]
	931-048	AlIEx® Genomic DNA Kit [48T]
	931-096	AlIEx® Genomic DNA Kit [96T]
	935-048	AlIEx® Blood DNA Kit [48T]
	935-096	AlIEx® Blood DNA Kit [96T]
	937-048	AlIEx® Plant DNA/RNA Kit [48T]
	937-096	AlIEx® Plant DNA/RNA Kit [96T]
	936-048	AlIEx® Forensic DNA Kit [48T]
	936-096	AlIEx® Forensic DNA Kit [96T]
	948-048	AlIEx® Fecal DNA/RNA Kit [48T]
	948-096	AlIEx® Fecal DNA/RNA Kit [96T]
	951-048	AlIEx® Cell/Tissue Total RNA Kit [48T]
	951-096	AlIEx® Cell/Tissue Total RNA Kit [96T]
	952-048	AlIEx® Plant Total RNA Kit [48T]
	952-096	AlIEx® Plant Total RNA Kit [96T]