

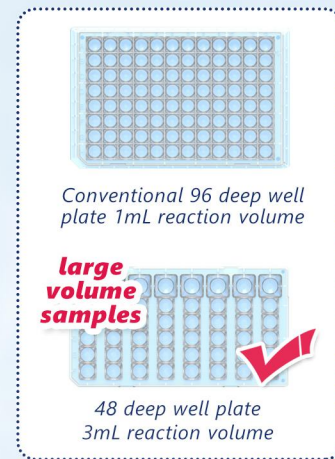
Bring Technology to Life



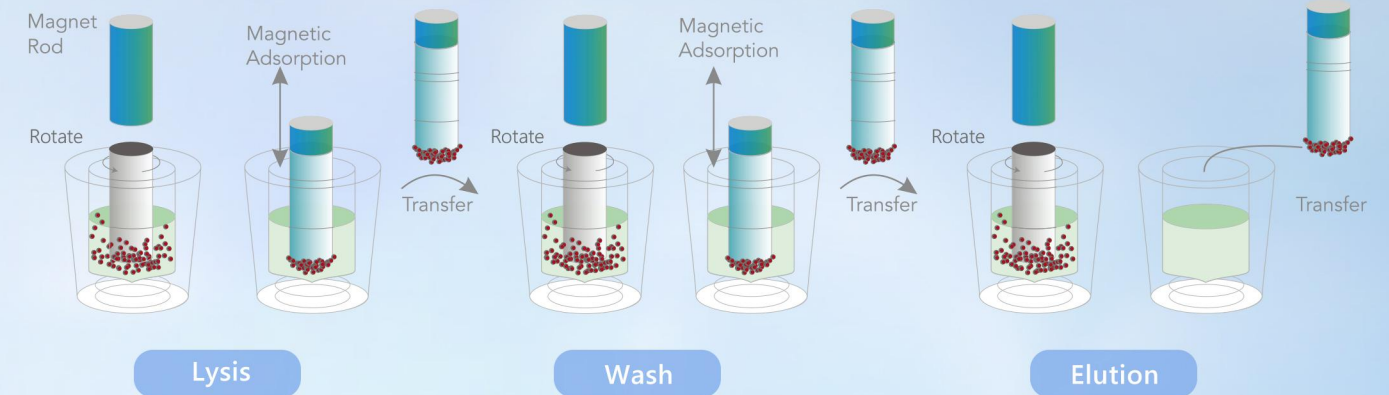
# GeneRotex 48 Nucleic Acid Extractor

Designed for processing large volume samples with innovative rotary mixing technology

Tianlong GeneRotex 48 nucleic acid extractor is designed with our innovative rotary mixing technology (RMT), which can reduce aerosol generated during the purification process, minimize the risk of false positives caused by cross-contamination, and ensure the accuracy of experiment results. Compatible with Tianlong large volume nucleic acid extraction kits, GeneRotex 48 can greatly improve detection sensitivity and extraction efficiency.



## PRINCIPLE



## SPECIFICATIONS

Model	GeneRotex 48
Throughput	1-48
Reaction Volume	50-3000μL
Sample Volume	1000μL
Compatible Consumables	Customized 48-deep-well plates
Inter-well Extraction Difference	CV <3%
Rotational Speed	≤3000rpm
Heating Temperature	Lysis heating: room temperature to 120°C Elution heating: room temperature to 120°C
Mixing Method	Rotary mixing
Operation Mode	7-inch full-color LCD touch screen operation
Program Storage	Up to 1000 programs can be stored
Protocol Management	Flexible to create, edit and delete protocols
Automatic Control	Motor-driven automatic opening and closing of the experiment cabinet
Magnetic Bead Residue	≤1%
Power Failure Protection	Choose freely whether or not to continue the experiment when the power is on again after cutting off
Contamination Control	Negative pressure HEPA exhaust filter module; Built-in UV disinfection module
Connection Port Type	USB port
Weight	45kg (net)
Instrument Dimensions	510mm*490mm*480mm (W*L*H)
Power Supply and Power Consumption	AC100V-240V,50/60HZ;600VA

### Designed for processing large volume samples

GeneRotex 48 is compatible with Tianlong large volume nucleic acid extraction kits. 1ml sample volume with independent designed consumable makes pathogen detection sensitivity easier than before. Your extraction efficiency can be improved greatly.

### Innovative rotary mixing technology

Based on Tianlong's Innovative rotary mixing technology(RMT), GeneRotex 48 can reduce aerosol generated during the experiment and minimize the risk of false positives caused by cross-contamination while being super quiet during operation

### Negative pressure system with HEPA filtration

The negative pressure ventilation design with replaceable HEPA filtration can ensure the exhausted air with no biological hazards

### High purification and reliable results

Less than 1% residual amount of magnetic beads increase confidence in your experiment result

### 7 inch color touch screen

Built-in 7-inch full-color LCD screen, easy to operate the experiment

Version 3.0

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