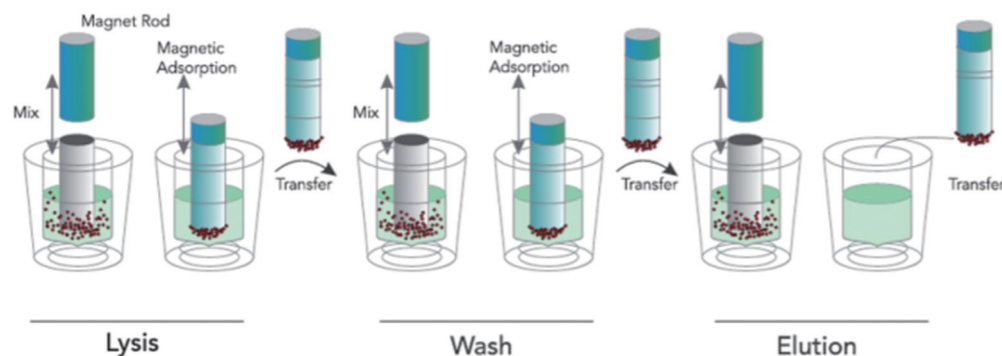


## Working Principle

The built-in heating function of UltraDx® Ex-32 system is proved to be able to accelerate the lysis of samples and ensures higher release of nucleic acid. It also helps to increase the yield ratio of nucleic acid and improves overall extraction efficiency.



## Recommended Reagents

Description	Specification	REF No.	Description	Specification	REF No.
UltraPx Viral DNA/RNA Kit (Magbeads)	64T/kit	UBE-M00164H	UltraPx Whole Blood Genomic DNA Kit (Magbeads)	64T/kit	UBE-M00564H
UltraPx General Genomic DNA Kit (Magbeads)	64T/kit	UBE-M00264H	UltraPx Oral Swab DNA/RNA Kit (Magbeads)	64T/kit	UBE-M00664H
UltraPx Bacterial DNA/RNA Kit (Magbeads)	64T/kit	UBE-M00364H	UltraPx FFPE Tissue Genomic DNA Kit (Magbeads)	64T/kit	UBE-M00764H
UltraPx Fungal DNA/RNA Kit (Magbeads)	64T/kit	UBE-M00464H	UltraPx Total RNA Kit (Magbeads)	64T/kit	UBE-M00864H

## Technical Specification

Product Name	UltraDx® Ex-32 Automatic DNA/RNA Extraction System
Sample Capacity	32 samples
Sample Processing Capacity	20~1000µL
Consumables	96-wells deep plate + 8 strip sleeves
Collection Efficiency	≥ 99%
CV	≤ 5%
Heating	Lysis and elution (room temperature to 125°C)
Mixing Model	Slow, medium, fast, 1~6 gears programmable
Extraction Time	5~45 minutes (depends on the project)
Display	10" color graphic display with touch screen
Protocols	Programmable and storable, quantity up to millions
Communication Interface	4 USB, ethernet, mouse, keyboard and barcode scanners supported
Disinfection	UV lamp
Data Storage	Built-in SSD
Working Noise	51dBA
Working Temp./Humidity	10~40°C/10~90%RH
Power Supply	100~240Vac, 45~65Hz
Dimension/Weight	350x345x400mm / 17kg

\*Ultrassay BioTech Co., Ltd. reserves the right of final interpretation of different specifications.

## Ultrassay BioTech Co., Ltd.

Add: RM3018 Poly D9, No. 999 Luzhou Avenue, Baohe District, Hefei, Anhui, China  
 Tel: +86-551-62881663  
 E-mail: info@ultrassay.com  
 Website: <https://ultrassay.com>



# UltraDx® Ex-32

## Automatic DNA/RNA Extraction System



- High Efficiency**  
 New-designed holomagnetized rods and dynamical adjustable amplitude technology ensures no magnetic beads residual ordetaining on the tube sides, suitable for all kinds of micro-sized magnetic beads.
- High Temperature Accuracy**  
 Enhanced encapsulated deep-well heating block significantly increases temperature control accuracy, improves efficiency of lysis and elution.
- High Safety**  
 Disposable 8-strip plastic sleeves and UV lamp prevent aerosol cross contamination between different batches of reagents and ensure the safety during experiments.
- Independent Heating Block**  
 8 independent deep-well heating blocks that can reduce mutual interference between reactions.
- Multi-mix Model**  
 3 kinds of amplitude, 6 levels of frequency adjustable, which are according to different samples and extraction kits to improve extraction efficiency.
- Standardization**  
 Multiple programs can be edited and preset experiment templates to ensure experiment conditions with excellent uniformity and reproducibility.