

## PURYX® RAPID EXTRACTION

Effortless sample purification in just 25 minutes.

The straight-forward protocol for Puryx® Rapid reduces the number of steps to allow sample purification in a fraction of the time.

Puryx® Rapid is easy to perform manually, or with semi-automated robotic systems. It can also be easily integrated into existing platforms in your laboratory.

### Benefits & Features

- Optimal flexibility – perform manually or adapt to existing semi-automated platforms
- Rapid protocol – extract in 25 minutes
- Up to 1,440 samples can be purified in 8 hours
- DNA or RNA extraction

### Specimens

- Nasal, pharyngeal, and throat swabs



## SELECTING THE RIGHT SOLUTION

Extraction kit	MT-Prep™	Puryx® Access	Puryx® Comprehensive	Puryx® Rapid
Automation system	MT-Prep™ 24	MT-Prep™ Access	MT-Prep™ XL	Semi-automated platforms
Samples per run	1 - 24 samples	96 samples	1 - 96 samples	1 - 96 samples
Throughput / 8hr	up to 168 samples	up to 1,440 samples	up to 384 samples	up to 1,440 samples
Sample aliquoting	Manual	Manual	Automated	Manual
Protocol	55 mins / 35 mins	30 mins	1 hr 15 mins / 40 mins	25 mins*
Extraction yield	+++++	+++++	+++++	+++
<b>Footprint of system set up</b>				
Bench space	90 cm	77 cm	136 cm	Depends on system

\*Typical time taken to process 96 samples with the Puryx® Rapid extraction using semi-automated system such as INTEGRA® VIAFLO 96.

## ORDERING INFORMATION

### MT-Prep™

Kits & Reagents	
93010	MT-Prep™ Viral/Pathogen Nucleic Acids Extraction Kit (48 samples)
93031	MT-Prep™ Blood DNA Extraction Kit 1200 (48 samples)
Instrument & Components	
93100	MT-Prep™ 24 System

### Puryx® Rapid

Kits & Reagents	
93620	Puryx® Rapid DNA / RNA Extraction Kit
Instrument & Components	
93621	Deep well plate 1.1 mL (50)
93611	Deep well plate 2.2 mL (100)
93630	Universal magnetic plate
Enquire	300 mL reservoirs, sterile

Find out how Puryx® and MT-Prep™ extraction will help you to transform your sample purification.

Contact us now to discuss your needs.

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### Puryx® Comprehensive

Kits & Reagents	
93610	Puryx® Comprehensive DNA / RNA Extraction Kit
91401	Extraction Control (100 µL)
Instrument & Components	
93600	MT-Prep™ XL System
93607	MT-Prep™ XL elution plate 200 µL
Enquire	Deep well plate 2.2 mL
93606	96 Tip comb for deep well magnet
93609	MT-Prep™ XL 1 mL tips

### Puryx® Access

Kits & Reagents	
93622	Puryx® Access DNA / RNA Extraction Kit
Instrument & Components	
93400	MT-Prep™ Access System
93606	96 Tip comb for deep well magnet



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# AusDiagnostics

## SAMPLE PURIFICATION SOLUTIONS

MT-Prep™

Puryx® Access

Puryx® Comprehensive

Puryx® Rapid

Unparalleled versatility, convenience,  
and efficiency in nucleic acid extraction

## MT-PREP™ EXTRACTION

For everyday sample purification of up to 24 samples in 55 minutes.

Using proven magnetic bead extraction methodology, MT-Prep™ extraction kits are designed for reliable and consistent nucleic acid purification, offering peace of mind for downstream diagnostic analysis.

Use MT-Prep™ extraction kits on the MT-Prep™ 24 system for fully automated sample purification.



### Benefits & Features

- Flexible throughput — process between 1 and 24 samples with no reagent or plastics waste
- Extract in just 55 minutes
- All reagents and plasticware included
- Kit for extracting from whole blood samples
- Universal extraction from various specimens
- UV lamp to prevent contamination
- Low maintenance for high productivity

### MT-Prep™ 24 Specifications

Dimensions	90 W x 58 D x 45 H cm
Weight	100 kg (approx.)
Display	7" colour touch-screen
Processing capacity	1 - 24 samples per run
Throughput / 8hr	Up to 168 samples

### Specimens

- Swabs: nasal, pharyngeal, eye, buccal, rectal, genital, skin lesions
- Saliva, mouthwashes
- BAL, aspirates, sputum
- Stool
- Cervicovaginal scrapes or smears
- CSF, urine, other cell free body fluids
- Whole blood

Processing time	55 min* 35 min protocol available
Sample volume	50 - 200 µL (1,000 µL upon request)
Elution volume	50 - 200 µL
Protocols	Preinstalled
Power supply	110 - 240 V, 50/60 Hz

\*excluding initial manual sample aliquoting

## PURYX® ACCESS EXTRACTION

Ultimate convenience for high-throughput extraction

Purify 96 samples in just 30 minutes using Puryx® Access extraction kits with the MT-Prep™ Access.

Designed for ease of use, Puryx® Access kits come with pre-filled reagent plates that slot into clearly labelled positions in the MT-Prep™ Access. Simply peel off the foil seal on the plates, load, and go.

### Benefits & Features

- Process 96 samples in 30 minutes
- Pre-filled reagent plates for maximum convenience
- Easy to use - set up in less than 2 minutes
- In-built touchscreen to save space
- UV lamp to prevent contamination
- High-quality DNA or RNA extraction

### Specimens

- Nasal, pharyngeal, and throat swabs
- Stool (coming soon)
- Urinogenital swabs and swabs from skin lesions, conjunctiva (coming soon)
- Urine (coming soon)
- CSF (coming soon)

### MT-Prep™ Access Specifications

Dimensions	77 W x 53 D x 54 H cm
Weight	95 kg
Display	10.1" colour touch-screen
Processing capacity	96 samples per run
Throughput / 8hr	Up to 1,440 samples
Processing time	30 mins*
Sample volume	300 µL
Elution volume	70 µL
Protocols	Preinstalled
Power supply	100 - 240 V, 50/60 Hz

\*excluding initial manual sample aliquoting



## PURYX® COMPREHENSIVE EXTRACTION

For high-yield and high-throughput nucleic acid purification.

Puryx® extraction kits are manufactured in our state-of-the-art production facilities in Australia, ensuring reliable supply to our customers who require a solution for high-throughput screening.

Purify up to 96 samples in less than 90 minutes using Puryx® Comprehensive extraction kits with the fully-automated MT-Prep™ XL system.

### Benefits & Features

- Process between 1 and 96 samples per run
- DNA or RNA extraction
- Walk-away automation — samples are automatically aliquoted
- End to end automation reduces handling risks and errors
- Parallel processing for optimal efficiency
- Consistently high-quality purification

### Specimens

- Nasal, pharyngeal, and throat swabs
- Stool
- Urinogenital swabs and swabs from skin lesions, conjunctiva (coming soon)
- Urine (coming soon)
- CSF (coming soon)

### MT-Prep™ XL Specifications

Dimensions	135.9 W x 70.9 D x 88.9 H cm 130 H cm with door open
Weight	136 kg (approx.)
Processing capacity	1 - 96 samples per run
Throughput / 8hr	Up to 384 samples
Processing time	40 mins (excl. sample aliquoting) 1 hr 15 mins (incl. sample aliquoting)
Sample volume	50 - 200 µL
Elution volume	50 - 200 µL
Protocols	Preinstalled
Power supply	110 - 240 V, 50/60 Hz, 5 A

