

MT-PREP™

Low-medium throughput DNA / RNA sample purification

MT-Prep™ 24 System

MT-Prep™ Extraction Kit

- **Save time with fully-automated sample purification**
- **Maximum convenience — all necessary reagents and plasticware come in the box**
- **Optimal flexibility — process 1 to 24 samples without any reagent or plastic wastage**
- **30 minute express protocol available**
- **Universal kit for various sample types**
- **Sample traceability**



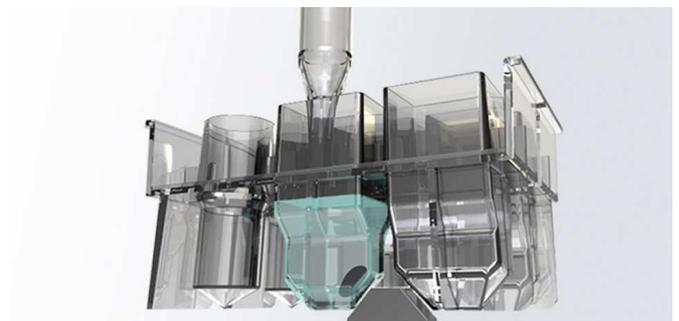
Unique design for optimum results

Obtain highly pure DNA or RNA in just 55 minutes with the MT-Prep™. Unrivalled mixing ability and an ingenious reaction chamber design ensures highly efficient lysis and elution, whilst excluding magnetic beads and alcohol residues in the final eluate.



True walk-away automation

Simply set up reagents and samples, select the desired program, and walk away. The MT-Prep™ automatically performs end-to-end extraction. From the sample tube straight to the elution, a worry-free system guarantees high quality results.



Convenience and simplicity

All reagents and consumables required for extraction come conveniently packed in one compact box. The MT-Prep™ extraction kit provides the flexibility of processing from 1 to 24 samples without any reagent or plastic wastage making it ideal for laboratories with varying throughput.

Simple 3-step process

- STEP 1** Load samples, reagent cartridges, and consumables.
- STEP 2** Select pre-programmed protocol on the touch-screen.
- STEP 3** Purified nucleic acids are automatically collected in screw cap tubes, ready for analysis.

Specimens

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

Sample purification process



Specifications

Dimensions	90 W x 58 D x 45 H cm
Weight	100 kg
Total footprint	90 cm
Processing capacity	1 - 24 samples per run
Throughput / 8hr	Up to 192 samples
Processing time*	55 min 30 min express 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

Ordering

93100	MT-Prep™ 24 System
93010	MT-Prep™ Viral/Pathogen Nucleic Acids Extraction Kit (48 samples)
93031	MT-Prep™ Blood DNA Extraction Kit (48 samples)

AusDiagnostics

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