



Smart32 Plus

Nucleic Acid Extraction Instrument (Model: DA8031)

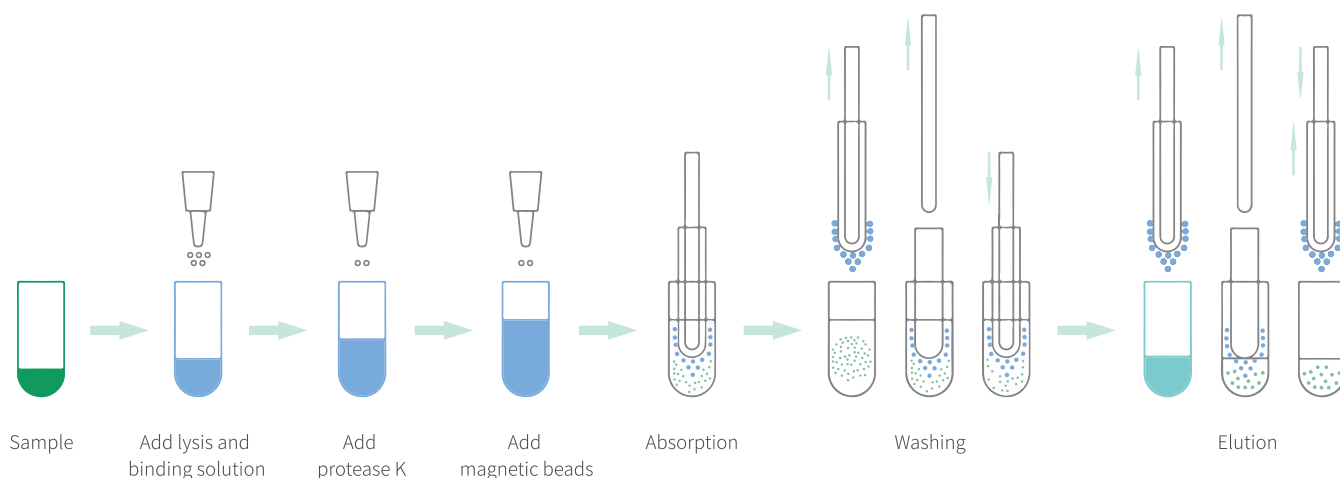


Smart32 Plus

Smart32 Plus is a nucleic acid extraction instrument adopting magnetic bead technology. Together with Daan rapid extraction kit, it can extract and purify 32 samples in 10 minutes. The user can monitor experiment conditions, open or close the ultraviolet light disinfection functions through the touch screen.

Principle

Magnetic bead is a simple and reliable method of purifying nucleic acid. Under optimized conditions, nucleic acid selectively binds to the surface of magnetic beads, while other contaminants stay in solution. After washing and elution, purified nucleic acid can then be used directly in molecular biology applications.



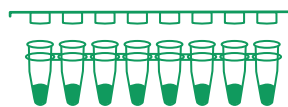
One-stop Solution



Sample



Automatic Extraction



PCR Set-up



RT-PCR

Features



Fast

32 samples can be extracted in 10 minutes.



Flexible

Compatible with multiple series of magnetic beads extraction kit.



Stable

Defaulted program, reliable performance.



Safe

Anti cross-contamination design: UV light, high-precision motion control and disposable consumables.



Compatible Reagents

Cat. No.	Product Name	Specification (Test/kit)	Features	Certificates
DA0602	Nucleic Acid Extraction kit	Pre-packaged, 32	For swab sample in 10 min	NMPA, CE-IVDR
DA1002	Nucleic Acid Extraction kit	Pre-packaged, 32	For swab sample in 12 min	NMPA, CE-IVDR
DA1273	RNA/DNA Extraction or Purification Kit <small>Proteinase K-free</small>	Pre-packaged, 32	Proteinase K-free	NMPA, CE-IVDR
DA0623	Nucleic Acid Isolation or Purification Reagent	Pre-packaged, 32	Standard version: 38 min	NMPA, CE-IVDR
DA0873	Nucleic Acid Isolation or Purification Kit	Pre-packaged, 32	For respiratory tract sample	NMPA, CE-IVDR

Parameters

Throughput	1-32 samples
Sample volume	20µL-400µL
Extraction plate	2 units of 96-deep-well plate
Temperature range	30-99°C
Instrument connector	USB, RS232, etc.
Operation humidity range	≤80%
Magnetic beads recovery rate	≥95%
Dimension (L×W×H)	435×340×450 mm
Net weight (kg)	29
Certificates	CE NMPA



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