DaAnGene



18 min
32 Samples

Smart 32

Nucleic Acid Extraction Instrument

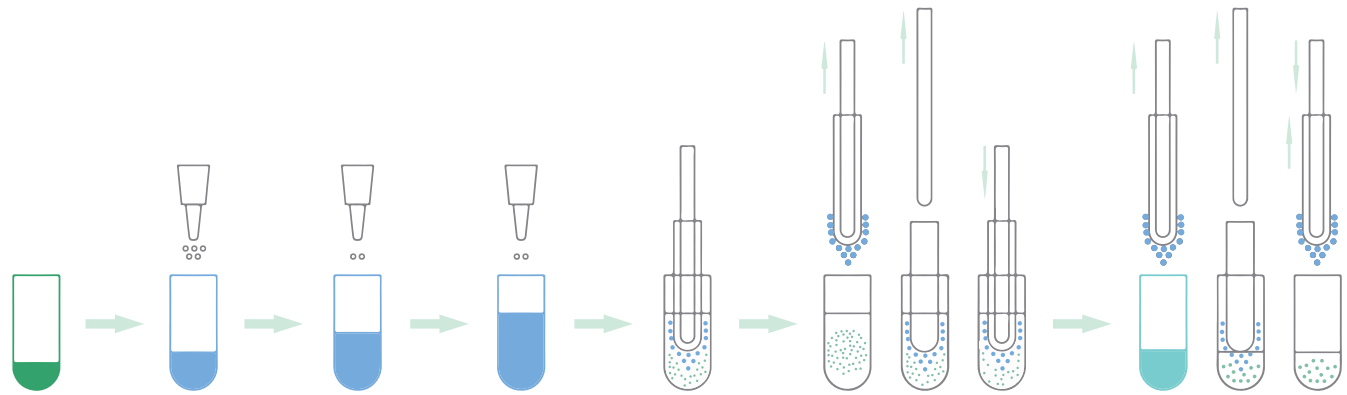
NMPA CE FSC

Smart 32

Smart 32 is a nucleic acid extraction instrument adopting magnetic bead technology. Together with Daan rapid extraction kit , it can extract and purify 32 samples in 18 minutes. The user can edit experiment procedure, 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



Features

Fast
32 samples can be extracted in 18 minutes.

Flexible
Compatible with third-party magnetic particles and reagents.

Stable
More than 1900 instruments have been installed. 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)	Certificates	Features
DA0633	RNA/DNA Purification kit (Magnetic Bead)	Pre-packaged, 32	CE, NMPA, FSC	35 min, Standard version
DA0623	Nucleic Acid Isolation or Purification Reagent	Pre-packaged, 32	CE, NMPA, FSC	55 min, Standard version
DA0602	Nucleic Acid Extraction kit	Pre-packaged, 32	CE, NMPA, FSC	18 min, Rapid version

Parameters

Throughput	1-32 samples
Reaction volume	20-1000 μL
Extraction plate	2 units of 96-well extraction plates
Temperature range	30-90°C
Instrument connector	RS232/RJ45/USB, 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, FSC

DaAnGene

https://en.daangene.com/

CHINA (Headquarters)
Daan Gene Co., Ltd.
Address: No.19, Xiangshan Road, Science Park, High & New Technology Development District, Guangzhou, Guangdong, P.R. China
Tel.: +86-20-32068126
Fax: +86-20-32068352
Email: marketing@daangene.com

CANADA office
Add.: #413-4538 Kingsway, Burnaby, BC V5H 4T9, Canada
Tel.: +1604 451 7588
Fax: +604451.7587
Email: gbai@daangene.net