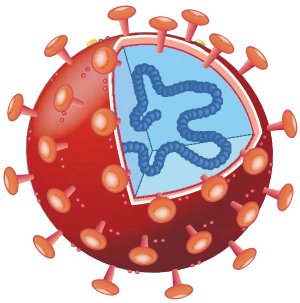
COVID-19 Viral RNA Extraction

Abnova

Precipitor™ 32 and COVID-19 Viral RNA Extraction (CLIA EUA Approved)

Abnova's Precipitor™ 32 is an automated magnetic bead platform for high throughput nucleic acid extraction and purification. Precipitor™ 32 uses the Viral Total Nucleic Acid Purification Kit to automate the extraction of COVID-19 viral RNA for downstream clinical research and diagnostic applications.



Combing 96 deep well plate with SiO_2 conjugated magnetic beads, Precipitor™ 32 easily handles 32 different assays simultaneously by transferring the beads from one well to the next for mixing, washing, and elution reactions via the robotic action of parallel magnetic rods. Precipitor™ 32 simplifies the routine yet labor-intensive process and addresses the needs of high volume application. Its integrated on-screen display allows easy change of parameters tailored to specific experiments.

Precipitor™ 32 (CLIA EUA Approved)

Bioreagent

- Viral Total Nucleic Acid Purification Kit (Catalogue #: U0052, U0382) CLIA EUA Approved

Specification

- Dimensions: 31cm(h) x 31cm(d) x 38mm(w)
- Processing Volume: 100 µL -1000 µL per well

Advantages

- Rapid, multi-step automation
- Compatible with 96 well plate format
- 32 multiplex analyte analysis
- No external device or PC required
- Reproducible and consistent results

Features

Fully Automated

- Eliminate human errors
- Ensure quality
- Limit sample pretreament

Easy Operation

- Intuitive user interface and easy menu navigation
- User-specified parameter settings
- Minimal setting requirement

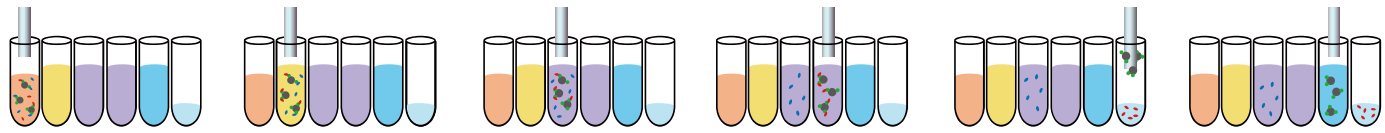
Vertical-Mixing Technology

- Process up to 1000 µL volume
- Enhance mixing efficiency
- Avoid cross-contamination

High Efficiency

- Vertical-mixing saves processing time and effort
- Vertical tips mix magnetic beads at four speeds
- 4300 gauss magnetic rods efficiently collect magnetic beads

Total Nucleic Acid Extraction | **RNA Purification** | **Magnetic Bead Release**



1. Mix sample with SiO_2 magnetic beads
2. Wash with Washing Buffer 1
3. Wash with Washing Buffer 2
4. Wash with Washing Buffer 2
5. Elute viral RNA
6. Release magnetic beads

SiO_2 magnetic beads — RNA — DNA

www.abnova.com

Abnova (Taiwan) Corporation 9F, No. 108, Jhouzih St., Neihu, Taipei 114, Taiwan
Tel: + 886 2 8751 1888 Fax: + 886 2 6602 1218