

SaMag-96 Nucleic Acids Purification System

automatic magnetic-beads based DNA/RNA extraction

Principle

SaMag-96 is an automatic instrument that can extract **high quality RNA/DNA** from up to 96 clinical samples in **less than 30 minutes**, using magnetic-beads based reagents able to perform sample lysis, binding to the beads, washing of the beads and elution of the purified nucleic acids.

Overview



Features

- Up to 96 samples processed simultaneously
- Fast and easy to operate
- Touchscreen interface easy to use
- Accurate temperature control
- Possibility to optimize reagents processing
- Autodetection of reagent plates
- Just 2 disposable consumables
- Shield plate to avoid splash contamination
- Magnetic separation ensured by 96 magnetic heads

Advantages

- Purification of 96 samples in 1 single run
- Processing volume of 50-1000 µl samples
- High throughput, fast extraction
- Use of 2.2 ml 96 Deep Well plates format
- Easy import/export of protocols with USB

Compatible with Sacace M-Sorb-S extraction

- 96 samples extracted in less than 30 min
- Validated for SARS-CoV-2 RNA extraction
- Validated for nasopharyngeal swabs
- Validated for oropharyngeal swabs
- Validated for sputum
- Validated for bronchoalveolar lavage

Product code	Description	Tests
SM-96	SaMag-96 Nucleic Acids Purification System DNA/RNA automatic extraction system	96

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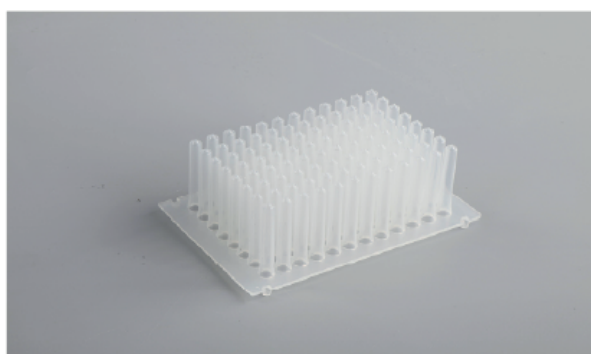
SaMag-96 Nucleic Acids Purification System

compatible with Sacace M-Sorb-S extraction kit

Compatible with reagents for COVID-19 RNA Extraction

SaMag-96 automatic instrument can be used with **Sacace M-Sorb-S** RNA extraction kit reagent for **SARS-Cov-2 RNA extraction** starting from human oropharyngeal and nasopharyngeal swab specimens, sputum, bronchoalveolar lavage.

Consumables



Consumable: tip comb sleeve, will fit the magnetic heads.



Consumable: 96 Deep Well Plate.



If needed, front door can be opened and the run will pause.



Consumables easy to place inside the instrument.

Product code	Description	Units
K502/100/A	M-Sorb-S DNA/RNA extraction kit reagents supplied with consumables sufficient for 96 simultaneous tests	96 tests
SM-17061-01	Tip Comb Sleeve Consumable for magnetic beads handling	96 wells
SM-17061-02	96 Deep Well Plate Consumable deep well plates for lysis, washing, elution	96 wells

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