

CROEEE[®] NA16 Nucleic Acid Extraction System

I♥GP



Fully Automated DNA/RNA Isolation System

UNIVERSALITY

- / single isolation protocol for simultaneous DNA/RNA isolation from various types of biological materials (plasma, serum, full blood, amniotic fluid, CSF, urine, swabs, sputum, aspirate)
- / compatibility with GeneProof PCR diagnostic kits, single amplification profile for simultaneous detection of various pathogens (microbiological DNA/RNA diagnostics, genetic diagnostics)

PROCESS STANDARDIZATION

- / highly reproducible yields of nucleic acids
- / elimination of faults caused by the operator
- / cross contamination effect minimization
- / cost-effective solution

EASY HANDLING

- / all the necessary chemical agents in disposable reagent cartridges
- / predefined processing protocols stored in the device memory
- / all consumables included in the isolation kit
- / user-friendly controls via an integrated LCD display
- / built-in decontamination UV lamp

CE CERTIFICATION

CAPACITY 1–16 SAMPLES

GeneProof
Molecular diagnostics for your routine

Guaranteed control over the complete process of development, manufacturing and distribution of all the offered GeneProof products.

croBEE NA16 Nucleic Acid Extraction System



/ **croBEE NA16 Nucleic Acid Extraction System** is a compact, fully automated system for simultaneous nucleic acid isolation from a wide range of biological materials.

The isolation principle is based on the nucleic acid binding to paramagnetic particles. Application of disposable reagent cartridge containing all the necessary chemical agents provides easy handling. The isolation process results in high-quality DNA/RNA with high reproducible yields.

technical specification

Isolation principle	fully automated magnetic separation
Reagent application method	disposable reagent cartridge
Sample volume	200 µl / 400 µl / 1200 µl
Elution volumes	60 µl / 100 µl / 150 µl / 200 µl
Capacity	1–16 samples / isolation process
Processing time	44–80 minutes
Nucleic acid purity	DNA: OD A260/280 ratio 1.8 ± 0.1 RNA: OD A260/280 ratio 2.0 ± 0.2
Heating block temperature range	RT – 90 °C
Computer	integrated PC
User interface and control	7" color touch screen
Decontamination	built-in UV lamp
Dimensions	760×710×770 mm (W×D×H)
Weight	68.5 kg
Power supply	100V–240V, 50/60Hz, 1 kW
Device type	stand-alone device
Certification	CE IVD for <i>in vitro</i> diagnostics use

croBEE 201A Nucleic Acid Extraction Kit



/ **The kit is designed for DNA/RNA isolation using the croBEE NA16 Nucleic Acid Extraction System.**

It provides simultaneous nucleic acids isolation from various biological material types due to the universal reagent cartridge. All the necessary reagents and consumables are included in the package. All components, plastics and disposable reagent cartridges contained in the croBEE 201A Nucleic Acid Extraction Kit are DNase/RNase-Free.

order

Product Name	Cat. No.	Technology	Package
croBEE NA16 Nucleic Acid Extraction System	CBNA/16	fully automated magnetic separation	1 piece
croBEE 201A Nucleic Acid Extraction Kit	CBNA201A/096	fully automated magnetic separation	96 isolations

GeneProof a.s.

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