



Advanced Whole Blood Extraction for Genomic DNA

croBEE™ 101A Whole Blood DNA Extraction Kit

To further support laboratories in genetic diagnostics, **GeneProof is introducing a new whole blood extraction cartridge** into our product portfolio. This addition enhances our suite of diagnostic tools, offering a reliable and efficient solution for sample preparation in a range of downstream applications, including PCR testing for thrombotic mutations.

The **croBEE™ 101A Whole Blood DNA Extraction Kit** is a magnetic particle-based extraction cartridge. The cartridge contains all necessary reagents, including proteinase K, and comes pre-filled and sealed to prevent contamination. It enables high-yield genomic DNA extraction from whole blood samples, ensuring optimal performance for the detection of genetic markers. It is designed for seamless integration into our existing workflow, as it is fully compatible with the automatic extraction system **croBEE™ NA16 Nucleic Acid Extraction System Plus**. The walkaway processing improves workflow efficiency.

KEY FEATURES INCLUDE:

- **Ready-to-use:** Contains all necessary reagents, no need for any preparation steps
- **Sample Compatibility:** Processes whole blood volumes of 200 or 400 µl with no pre-treatment
- **Efficiency:** Provides consistent, high-quality DNA extraction for optimal performance in downstream applications
- **Instrumentation Support:** Compatible with croBEE™ NA16 Nucleic Acid Extraction System Plus, facilitating easy adoption
- **IVDR Certification**

Designed specifically for whole blood extraction, the cartridge delivers superior performance, effectively overcoming the challenges associated with this complex sample type.

SAMPLE INPUT/ELUTION VOLUME	CONCENTRATION µg/ml	PURITY A _{260/280} RATIO	PURITY A _{260/230} RATIO
200 / 60 µl	80	1.8	1.6
400 / 60 µl	148	1.9	1.8

Yield and purity values were established using human whole blood samples.

ORDERING CODE

croBEE 101A™ Whole Blood DNA Extraction Kit	CBDNA101A/096
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Discover how this new extraction cartridge can enhance your laboratory's performance!

