

# NEW NUCLEIC-CARD Collection Device System



Designed to meet the buccal DNA sample collection challenge

With demand for single-source DNA testing on the rise, buccal samples are rapidly becoming the specimen of choice for forensic DNA databases, paternity analysis, and other applications. This noninvasive procedure provides a good source of DNA, contains little biohazard waste, and permits long-term sample retention at room temperature. This has created an increasing need for easy-to-use collection devices designed to eliminate time-consuming and costly extraction steps, while providing sufficient quality downstream analytical results for determining human identity via STR profiling.

## Increase laboratory productivity with a proven solution from a trusted partner

Introducing the newly redesigned NUCLEIC-CARD™ Collection Device System with enhanced usability and performance. The combined swab and collection matrix consists of:

- Improved 4N6FLOQSwabs™ flocked swab and collection chamber for increased sample transfer and efficiency
- Chemically treated NUCLEIC-CARD™ matrix for cell lysis and protein denaturation

Using the NUCLEIC-CARD Collection Device System for collecting, transporting, and archiving DNA buccal samples enables a high first-analysis success rate and helps improve laboratory cost.

## Key features

- Facilitates high-quality STR profiles with Applied Biosystems™ direct PCR amplification kits
- Redesigned one-sided collecting lollipop and improved flocked foam for increased sample collection and transfer
- Ethylene oxide-treated to help ensure that the NUCLEIC-CARD device is free of amplifiable human DNA and to prevent sample DNA from degradation
- NUCLEIC-CARD cleaning area to improve efficiency and an indicating card that changes color from pink to white upon sample addition for easy visualization
- Framed NUCLEIC-CARD device designed to work with multiple commercially available punching systems



## Ordering information

Product	Sample type	Quantity	Cat. No.
NUCLEIC-CARD Collection Device System	Buccal	Case of 50	A32607

For more information, please contact your sales representative or go to [thermofisher.com/samplecollection](http://thermofisher.com/samplecollection)

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