

NUCLEIC-CARD™

FOR DNA COLLECTION, STORAGE AND PROCESSING



NUCLEIC-CARD™

COPAN NUCLEIC-CARD™ is a product range specifically designed for the collection, transport and storage of human DNA (from buccal cells, saliva, blood, ect) for human identification purposes.

Applications:

- > DNA Databasing
- > Paternity Testing

SAMPLE COLLECTION DEVICE NEXT GENERATION



PLUS FEATURES:

- 1 DIRECT AMPLIFICATION:** lysing treatment on the matrix.
- 2 STABILITY OF THE SAMPLE:** 30 years* room temperature storage.
- 3 PREVENT DEGRADATION:** microorganisms are inactivated by the special formulation
- 4 FORENSIC DNA GRADE:** free of amplifiable human DNA, free of detectable DNase and RNase, EtO treated.
- 5 READY FOR AUTOMATION:** compatible with CPA200™, CPA300™ and other available punching systems.
- 6 OPTIMIZED with FLOQSwabs®** possibility to extract DNA by cutting a portion of the padded FLOQSwabs®.

* Data obtained from accelerated stability study



NUCLEIC-CARD™

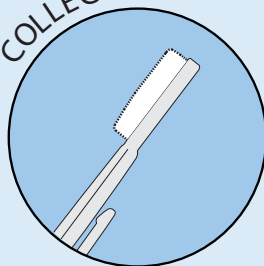
WORKFLOW

➤ **COLLECT:** One side padded FLOQSwab® for higher sample collection and release.

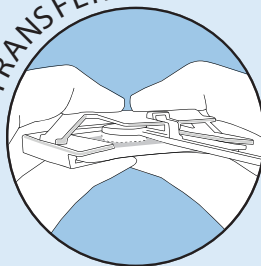
➤ **TRANSFER:** The protective holder improves the homogeneity and consistency of the sample deposition.

➤ **TRANSPORT OR STORE**

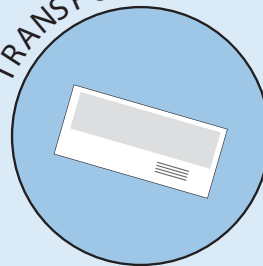
COLLECT



TRANSFER



TRANSPORT



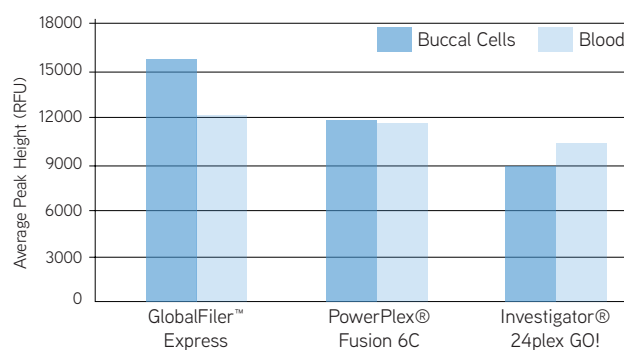
Please refer to complete instructions and how-to-use guide. Above pictograms are for marketing demonstration only.

PERFORMANCE AND COMPATIBILITY

NUCLEIC-CARD™ is compatible with different direct PCR amplification kits for HID purposes.

STR typing chemistry	FIRST PASS SUCCESS RATE %
GlobalFiler® Express	100,0%
PowerPlex® Fusion 6C	94,7%
Investigator® 24plex GO!	95,0%
AmpFISTR® Yfiler® Plus	100%
PowerPlex® Y23 System	100%

Copan internal testing. Complete data available upon request.



OFF-THE-SHELF PRODUCTS

NUCLEIC-CARD™ is available in a variety of off-the-shelf configurations, as well as **CUSTOMIZABLE** sample collection kits.

- 1, 2 or 4 sample collection areas per card
- **Pink color** for buccal cells and saliva sample
- **Cleaning area:** no sample diffusion in the cleaning area thanks to the cutting barriers.
- **Traceability:** NUCLEIC-CARD™ is identified with a pre-printed barcode



NUCLEIC-CARD™ are produced in compliance with ISO 18385:2016(E)

NOT FOR DIAGNOSTIC USE



This document may contain product information otherwise not accessible or valid in your country. Please be aware that Copan Italia S.p.A. does take any responsibility for accessing such information which may not comply with any valid legal process, regulation, registration or usage in the country of your origin. Product clearance and availability restrictions may apply in some Countries. Please refer to Copan website (www.copangroup.com) to view and/or download the most recent version of the brochure. This document is mainly intended for marketing purposes, always consult product insert for complete information. The use of these products in association with diagnostic kits or instrumentation should be previously validated by the user. ©2021 Copan Italia. All rights reserved. The trademarks mentioned herein are property of Copan Italia S.p.A.
Code: JMKCo20Ro2



@copangroup

Copan Italia s.p.a.
Via Francesco Perotti 10,
25125 Brescia, Italy

t | f +030 2687211
@ | info@copangroup.com
www.copangroup.com