

SMART
eNAT®

Smart Delivery System for Nucleic Acids Preservation Medium





Copan patented SMART push & turn activation and delivery system is a post-collection, high-performance yet intuitive cap that avoids unwanted media spillage or contact, facilitating self-sampling at home. SMART-eNAT® combines the SMART-cap™ with eNAT® and FLOQSwabs®, stabilizing and preserving RNA/DNA for prolonged periods. SMART-eNAT® is intended to collect, transport, and preserve clinical specimens to be analyzed by nucleic acids amplification techniques.



SMART-CAP™

Unique push & turn activation and delivery system that makes sample collection easy, while guarding against unwanted spillage or contact.



EASY TO USE

SMART-eNAT® has been designed keeping the end-user in mind. Only a few simple steps are required to collect the sample.



VERSATILE

SMART-eNAT® is available paired with three different swab shafts specific for vaginal, buccal, and rectal collection or in a kit with a swab for microbiome research purposes.



eNAT®

A liquid-based molecular medium that quickly inactivates viruses and bacteria while preserving nucleic acids at room temperature to reduce turnaround time and increase safety.



Preservation

eNAT® Performance

Copan eNAT® medium preserves nucleic acids for:

- o Up to 4 weeks at RT and 4C^{o1}
- o Up to 6 months at -20°C to -80°C

According to the vast scientific literature, eNAT® characteristics successfully preserved nucleic acids from fecal samples up to 30 days at room temperature².

FLOQSwabs®

Cut out for everyone



FLOQSwabs® ensure a quick, capillarity-driven sample uptake and a superior elution of the biological specimen. Its combination with SMART-eNAT® expands your downstream diagnostic testing possibilities, by offering an unmatched specimen collection in many anatomical sites. Discover why we call them “the perfect collection device.”

Fields of application

Preanalytics made different



Respiratory Diseases^{3,4,5}



Gastrointestinal Diseases^{6,7,8}



STI & HPV^{9,10,11}

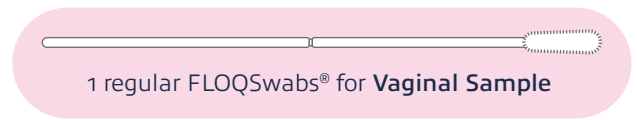
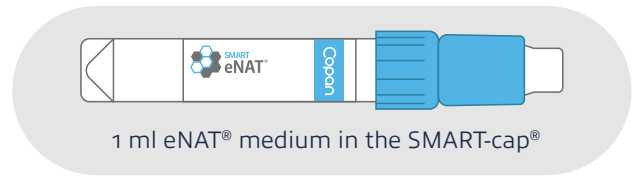


Genetics & Microbiome^{12,13,14,15}

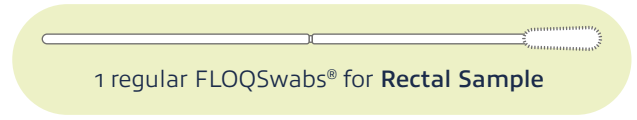
Combinations

The SMARTer way!

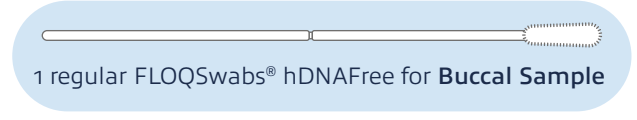
SMART-eNAT® expresses its full potential when paired with the right FLOQSwabs®. Choose the vaginal swab, rectal swab or the buccal hDNAfree FLOQSwabs®.



or



or





Laboratory

Handling & processing

Samples collected with Copan SMART-eNAT® are suitable for commercial nucleic acids extraction and amplification platforms.

Scientific literature reports sample collection and transport with eNAT® prior to many downstream processes:

- Molecular-based assays ^{9,15,16,17,18,19,20,21}
- Next Generation Sequencing ^{13,14,22,23,24}

Self-Collection







Collect your nucleic acids like a pro

Reaching end-users and donors in the comfort of their homes is critical to delivering highly personalized health information and suggestions. That's why the Self-collection of biological samples has become increasingly important in genetics, genomics, and microbiome research. **SMART-eNAT® enables a clean and safe collection of nucleic acids at home, making DNA and RNA sampling easy and accessible to many users in many different settings.**



Ordering information

SMART-eNAT® is available in combination with FLOQSwabs®.

Cat. N.	Description	Pack size	Sample*
TBD	1 ml eNAT® medium in the smart cap** 	300 pieces	
TBD	1 regular FLOQSwabs®** 	600 pieces	Vaginal
TBD	1 regular FLOQSwabs® hDNAfree Free** 	600 pieces	Buccal
TBD	1 regular FLOQSwabs®** 	600 pieces	Rectal
Cat. N.	Description	Pack size	Sample*
70U001N***	1 ml eNAT® medium in the smart cap + 1 regular FLOQSwabs®  	300 pieces (6 boxes of 50 pieces)	Nasal, throat, vaginal, skin, rectal, wound, buccal and faeces

*Suggested table. Please refer to your GLP procedures to choose the most appropriate device for the specific sampling site

**CE IVD certification under approval

*** NO CE IVD - not for clinical use

Scientific references

All the studies we cited in this product focus are listed here.

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