

SMART-eNAT®

Smart Delivery System for Nucleic Acid Preservation Medium





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



eNAT®



A liquid-based molecular medium that inactivates viruses and bacteria, preserving nucleic acids at room temperature.

SMART-CAP™



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

FAST



eNAT® Sample homogenization and high-quality nucleic acids, to reduce turnaround time and increase safety.

Preservation

eNAT® Performance

Copan eNAT® medium preserves nucleic acids for:

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

According to the vast scientific literature, eNAT® characteristics successfully preserved microbiome 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^{7,8}, 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}

Regular



Gastrointestinal Diseases^{6,7,8}

Regular



STI & HPV^{9,10,11}

Regular



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

Regular



Laboratory

Handling & processing

Samples collected with Copan SMART-eNAT® are suitable for commercial nucleic acid 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 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 bulk packs or in combination with FLOQSwabs®.

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

** Clinical evaluation for CE marking in progress

Scientific references

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

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