eNAT®

Nucleic acid collection and preservation medium

Copan
innovating together

eNAT®

Copan eNAT® System is intended to collect, transport, and preserve clinical specimens to be analyzed by nucleic acids amplification techniques.
eNAT® medium stabilizes and preserves RNA/DNA for prolonged periods and is compatible with commercial nucleic acid extraction and amplification platforms.

FLOQSwabs®

Ensure a quick, capillarity-driven sample uptake and a superior elution of the biological specimen, expanding downstream diagnostic testing capabilities.

DNA and RNA stabilization

eNat® Guanidine thiocyanate-based medium inactivates nucleases and stabilizes RNA and DNA of Viruses, Bacteria, Chlamydia, Protozoa, and Mycoplasma.

Compatible with molecular assays

eNat® has been validated with numerous molecular assays. Its format is suitable for automatic specimen processors in space-saving, instrument-ready tubes.

Inactivation within 30 minutes

eNat® completely inactivate microbial viability within 30 minutes to ensure a safe specimen handling, processing, and transport.

Preservation

eNAT® Performance

Copan eNAT® medium preserves nucleic acids for:

- Up to 4 weeks at RT and 4C°[1]
- Up to 6 months at -20°C to -80°C

According to the vast scientific literature, eNAT® characteristics succesfully preserved microbiome samples up to 30 days at room temperature[2].

FLOQSwabs®

Cut out for everyone

FLOQSwabs® offer **variable sizes, diameters, breaking points and tip shapes to be used in plenty of applications**. This made FLOQSwabs® well-tolerated alternative to invasive, painful, and costly collection procedures[7,8].

Do you have a specific application in mind? Choose the right FLOQSwabs®!

Fields of application

Preanalytics made different

Respiratory Diseases[3,4,5]

Regular, minitip and flexible minitip

Gastrointestinal Diseases[6,7,8]

Regular

STI & HPV[9,10,11]

Regular and L-shape

Genetics & Microbiome[12,13,14,15]

Regular

Laboratory

Handling & processing

Samples collected with Copan 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]

eNAT®

Ordering information

Choose between different tube sizes and medium fill volumes, in bulk packs or in combination with either FLOQSwabs®.

Cat. N.	Description	Pack size	Sample*
608C	1ml eNAT® transport and preservation medium in 12x80mm screw cap tube 	300 pieces 6 boxes of 50 pieces	
608CS01M	1ml eNAT® transport and preservation medium in 12x80mm screw cap tube + 1 minitip FLOQSwabs® 	500 pieces 10 boxes of 50 pieces	nasal and urethral
608CS01P	1ml eNAT® transport and preservation medium in 12x80mm screw cap tube + 1 thin & flexible FLOQSwabs® 	500 pieces 10 boxes of 50 pieces	naso-pharyngeal

Code	Description	Pack size	Sample*
608CS01R	1ml eNAT® transport and preservation medium in 12x80mm screw cap tube + 1 regular FLOQSwabs® 	500 pieces 10 boxes of 50 pieces	nasal, throat, vaginal, groin, armpit, rectal, wound, buccal and faeces
6E021S	1ml eNAT® transport and preservation medium in 12x80mm screw cap tube, + 1 regular FLOQSwabs® +1 Pasteur pipet 	300 pieces 6 boxes of 50 pieces	nasal, throat, vaginal, groin, armpit, rectal, wound, buccal, faeces and urine
606C	2ml eNAT® transport and preservation medium in 12x80mm screw cap tube 	300 pieces 6 boxes of 50 pieces	
606CS01L	2ml eNAT® transport and preservation medium in 12x80mm screw cap tube + 1 L-shape FLOQSwabs® 	500 pieces 10 boxes of 50 pieces	cervical
606CS01M	2ml eNAT® transport and preservation medium in 12x80mm screw cap tube + 1 minitip FLOQSwabs® 	500 pieces 10 boxes of 50 pieces	nasal and urethral
606CS01P	2ml eNAT® transport and preservation medium in 12x80mm screw cap tube + 1 thin & flexible FLOQSwabs® 	500 pieces 10 boxes of 50 pieces	naso-pharyngeal
606CS01R	2ml eNAT® transport and preservation medium in 12x80mm screw cap tube + 1 regular FLOQSwabs® 	500 pieces 10 boxes of 50 pieces	nasal, throat, vaginal, groin, armpit, rectal, wound, buccal and faeces

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

Scientific references

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

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