eNAT™ SPECIMEN COLLECTION & PRESERVATION
OPTIMIZED FOR MOLECULAR APPLICATIONS
eNAT™ is intended for collection, transport and preservation of clinical specimens to be processed with molecular diagnostics platforms.

eNAT™ stabilizes RNA and DNA of Viruses, Bacteria, Chlamydia, Trichomonas vaginalis, Mycoplasma and allows safe specimen handling thanks to its microbial viability inactivation.

DNA/RNA STABILIZATION

**SPECIMENS IN eNAT™**

- **FLOQSwabs™**
  - e.g.: Vaginal
  - Endocervical
  - Nasal
  - Naso-pharyngeal
  - Buccal

- **URINE**
  Optimized performance was obtained by adding 3ml of urine to 1ml of eNAT™.

Above data show the recovery after inoculation of a panel of strains stored in eNAT™ kit for 4 weeks at room temperature. Testing performed by Real-Time-PCR. Copan internal data. Additional data available upon request.

- **FluA** - Influenza A
- **MRSA** - Methicillin-resistant Staphylococcus aureus
- **MH** - M.hominis
- **NG** - N.gonorrhoeae
- **CT** - C.trachomatis

4 WEEKS at ROOM TEMPERATURE

<table>
<thead>
<tr>
<th>Specimen</th>
<th>Recovery</th>
</tr>
</thead>
<tbody>
<tr>
<td>time zero</td>
<td>100%</td>
</tr>
<tr>
<td>FluA</td>
<td>97%</td>
</tr>
<tr>
<td>MRSA</td>
<td>98%</td>
</tr>
<tr>
<td>MH</td>
<td>99%</td>
</tr>
<tr>
<td>NG</td>
<td>98%</td>
</tr>
<tr>
<td>CT</td>
<td>99%</td>
</tr>
</tbody>
</table>

4 weeks RT or 4°C

6 months -20°C
eNAT™ medium contains a detergent and a protein denaturant to COMPLETELY INACTIVATE MICROBIAL VIABILITY within 30 MINUTES for the majority of the tested micro-organisms.

VIABILITY INACTIVATION ENSURES EXTRA SAFETY IN SPECIMEN:

➤ HANDLING
➤ PROCESSING
➤ TRANSPORT

PARTICULARLY CRITICAL IN CASE OF PANDEMICS.

**NUCLEASE INACTIVATION**

- FluA RNA in eNAT™ + RNase → 98,3%
- FluA RNA in WATER + RNase → 0%

RNA RECOVERY AFTER 2 WEEKS at 37°C

**COMPATIBLE WITH AUTOMATED PCR PLATFORMS.**
eNAT™ is the pre-analytical device for optimized compatibility with molecular NAAT.

Numerous molecular platforms were tested for compatibility with eNAT™ *

* Complete list of the molecular systems tested for eNAT™ compatibility available upon request.
**VERSATILITY**

**MOLECULAR APPLICATIONS***

- **RI**: Respiratory infections
- **Cl**: Cutaneous infections
- **Sti**: Sexually transmitted infections
- **GI**: Gastric infections
- **HAI**: Hospital acquired infections
- **hDNA**: Human DNA from buccal swabs (not for diagnostic applications)

**SAMPLE* COLLECTION**

- **Vaginal**
- **Endocervical**
- **Lesions**
- **Buccal**
- **Stool/Rectal**
- **Naso-Pharyngeal**

*OTHERS MAY BE APPLICABLE

**ORDERING INFORMATION**

Please contact **COPAN** for complete ordering information.

This document contains information on products which is targeted to a wide range of audiences and may contain product details or information otherwise not accessible or valid in your country. Please be aware that we do not 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.

**For diagnostic companies enquiries:**

COPAN FLOCK TECHNOLOGIES SRL  
c/o Futura Science Park  
via F. Perotti 18  
25125 - Brescia, Italy  
t. +39 030 3666100  
info@copanflock.com  
www.copanflock.com

**For general distribution enquiries:**

COPAN ITALIA SPA  
via F. Perotti 10  
25125 - Brescia, Italy  
t. +39 030 2687211  
info@copanitalia.com  
www.copanitalia.com

Brochure hardcopies may not include the latest updates and changes. Please refer to Copan website to view and/or download the most recent controlled version of the brochure. Brochures are mainly intended for marketing purposes. Always consult product inserts, instructions for use and manuals for the appropriate use of the products. ©2014 Copan Italia Spa. All rights reserved. The trademarks mentioned herein are property of Copan Italia.