



MSwab™

MOLECULAR | CULTURE

# MSwab™ SPECIMEN COLLECTION & PRESERVATION

OPTIMIZED FOR MOLECULAR  
AND CULTURE APPLICATIONS



Innovating Together™

[copanflock.com](http://copanflock.com)



**MSwab™**

MSwab™ is intended for the collection and transport of clinical specimens for a centralized **BACTERIOLOGY** and **VIROLOGY** laboratory.



## > MULTIPLE ANALYSIS, ONE MSwab™

MSwab™ medium provides homogeneous aliquots of the same sample suspension to run multiple tests from the same tube: from molecular assays to culture.



**JUST ONE  
MSwab™**

- ▶ **RAPID** direct nucleic acid heat extraction and testing by real-time PCR and isothermal amplification
- ▶ **TRADITIONAL** nucleic acids extraction
- ▶ **VIRUSES and BACTERIA CULTURE\***
- ▶ **RAPID ANTIGEN TESTING**

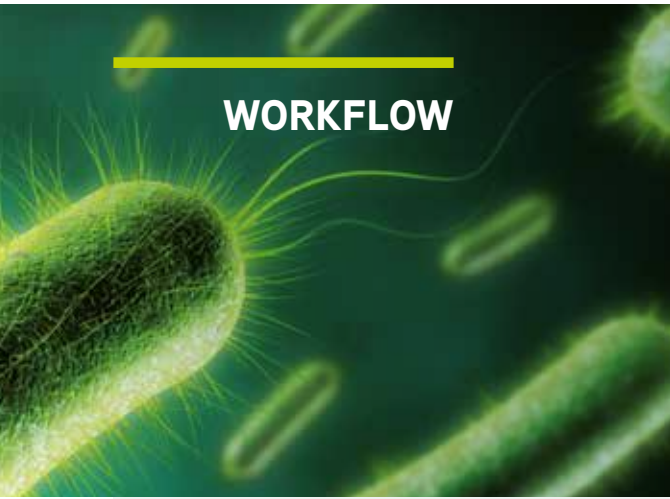
*\*Please refer to the product pack insert for the list of supported bacteria & viruses for culture.*

## > DNA/RNA STABILIZATION

- > GRAM+ (i.e. MRSA)
- > GRAM- (i.e. Bordetella pertussis)
- > VIRUSES (i.e. HSV 1 & 2)



## WORKFLOW



**MSwab™** offers the possibility to collect, transport and lyse the sample in the same tube without the need for further manipulation.

Tube with Glass beads is available.

*[...cells or tissues can be disrupted by rapid agitation in presence of beads. Disruption and simultaneous homogenization occur by shearing and crushing action of the beads as they collide with the cells...] from Collection, transport preparation and storage of specimens for molecular methods NCCLS, MM13-P).*



**SPECIMEN in MSwab™**



**BACK-UP CULTURE\***

**EXTRACTION & AMPLIFICATION**



**DATA ANALYSIS**

## > EXTRACTION EFFICIENCY

**MSwab™ + BEADS**

VS

**TRADITIONAL EXTRACTION**

boiling+vortex

VS

sylica columns  
or automatic extractor

5 minutes

VS

minimum 30 minutes

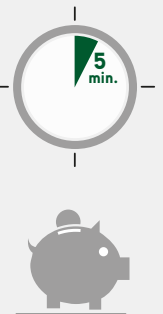
No additional  
processing cost

VS

Kit extraction cost

## > RAPID (HEAT) EXTRACTION: TIME AND REAGENTS COST SAVING

MSwab™ shortens specimen processing time:  
you may prepare a crude lysate in 5 minutes.



Technical support division may provide most suitable protocol, according to the platform present in your laboratory and the type of sample you need to process.

**OPTIMIZED  
FOR AUTOMATED  
MOLECULAR  
SYSTEMS**



## FOR YOUR FULLY-AUTOMATED POLYMERASE CHAIN REACTION (PCR) TESTS

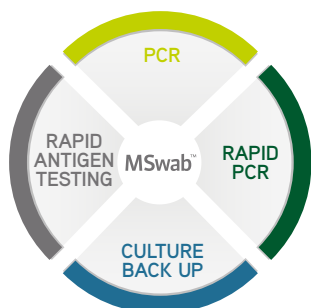
MSwab™ is the pre-analytical device for optimized compatibility with molecular NAAT and isothermal amplification systems.

A number of molecular platforms have been tested to check compatibility with MSwab™. \*\*

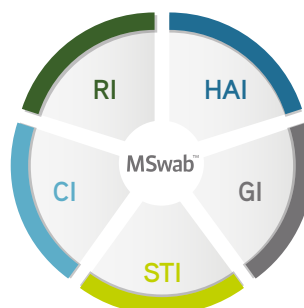
*A specific code of MSwab™ is validated by Roche for its use with cobas® MRSA/SA Test as well as cobas® HSV 1 & 2 Test.*

\*\* Technical support division may provide the updated list of the molecular systems for which MSwab™ compatibility was tested.

**SAMPLE PROCESSING**



**APPLICATIONS\***



**RI**  
Respiratory infections

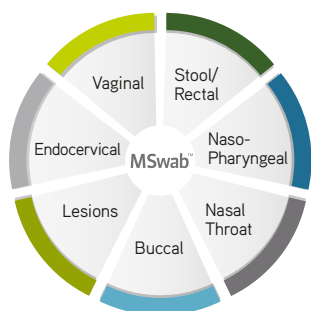
**STI**  
Sexually transmitted infections

**CI**  
Cutaneous infections

**HAI**  
Hospital acquired infections

**GI**  
Gastric infections

**SAMPLE\* COLLECTION**



\* OTHERS MAY BE APPLICABLE



**FLOQSwabs™** original brand, collects and transfers specimen into the vial.

**ORDERING INFORMATION**

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

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