

# Urogenital Mycoplasma Diagnosis

*Detection, Enumeration,  
Identification and  
Antimicrobial  
Susceptibility Testing*

- Complete diagnosis
- Standardized and approved susceptibility testing
- "All-liquid" easy to use method
- Fast results for clinicians
- Visual, colorimetric method

## MYCOFAST<sup>®</sup> Evolution N3

NEW GENERATION



# MYCOFAST® Evolution 3

05/2009

## BENEFITS

### Complete diagnosis

- Detection, Enumeration
- Identification
- Antimicrobial Susceptibility Testing

### Quality diagnosis

#### → Sensitivity

Patented numeration method  
3 levels of detection for U.u

#### → Specificity

Biochemical identification  
«Identibiotic» by resistance profile

#### → Reliability

7 antibiotics / 2 concentrations  
Standardized AST possible for U.u  
(10<sup>4</sup> CCU/ml level)

#### → Fast results

S.Mh growth activator  
Enumeration within 24 hours

### Cost-effective

#### → Complete kit

UMMt, UMMLyo, S.Mh and trays  
Transport medium included

#### → Stable reagents

Lyophilized growth medium  
Tray with dehydrated substrates  
Long shelf-life

#### → Easy to use

«All-liquid» method  
Visual colorimetric reading  
Anaerobic condition by addition of paraffin oil  
Instrument free

### World-wide reputation

#### → MYCOFAST method

Published world-wide

#### → Antimicrobial Susceptibility Testing

Method approved by a reference center

## Products

UMMt (3ml) : Liquid medium for sample transport

UMMLyo (+3ml UMMt) : Lyophilized growth medium for better stability

To reconstitute at the laboratory with the inoculated UMMt

M.h Supplement : Growth activator for *M. hominis* detection within 24 hours

MYCOFAST® Evolution 3 tray : tray of 20 wells

## Diagnosis

Detection and enumeration of *U. urealyticum* at 10<sup>3</sup>, 10<sup>4</sup>, and ≥10<sup>5</sup> CCU/ml

Accurate U.u enumeration to enable pathological threshold detection :

≥ 10<sup>4</sup> CCU/ml for urethral samples

≥ 10<sup>3</sup> CCU/ml for urine, sperm, endo-tracheal samples

Detection and enumeration of *M. hominis* at 10<sup>4</sup> CCU/ml

≥ 10<sup>4</sup> CCU/ml for cervico-vaginal samples

Identification: Method based on antimicrobial resistance profile  
(Lincomycin, Trimethoprim-Sulfamethoxazole and Erythromycine)

Antimicrobial resistance testing

7 antibiotics tested (Doxycycline, Pristinamycin, Roxithromycin, Azithromycin, Josamycin, Ciprofloxacin and Ofloxacin)

2 concentrations tested (Breakpoints defined by CA-SFM)

Standardized Antimicrobial Susceptibility testing (AST) possible for U.u (10<sup>4</sup> CCU/ml)

## Catalog

Direct diagnosis

MYCOFAST Evolution 3: Kit of 25 tests - Ref. 00036

UMMt (3ml): Kit of 35 additional UMMt vials - Ref. 00836

Screening in 24 hours and diagnostic confirmation

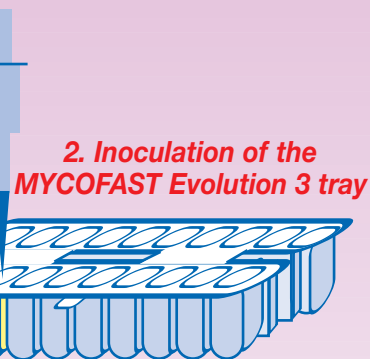
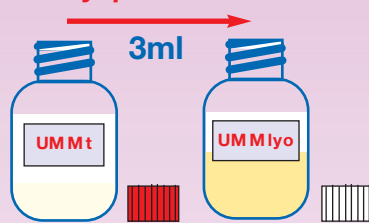
MYCOFAST Screening Evolution 3: Kit of 35 tests - Ref. 00042

UMMt-UMMLyo (3ml): Kit of 35 additional UMMt-UMMLyo vials - Ref. 00044

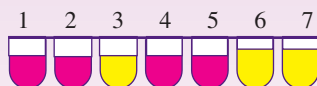
COMPLEMENT MYCOFAST Screening Evolution 3: Kit of 12 additional trays - Ref. 00077

## METHODOLOGY

### 1. Inoculation of the transport medium and regeneration of the lyophilized medium



### 3. Enumeration and Identification



*U. urealyticum* at 10<sup>4</sup> CCU/ml



### 4. Antimicrobial Susceptibility Testing

C C



S : Susceptible



I : Intermediate



R : Resistant

