

ALI  
FAX

READY TO USE LAB ON CHIP

# MOLECULAR MOUSE

REAL TIME PCR SYSTEM &

# SEPSIS PANEL

READY TO USE CARTRIDGES



Distributed by

  
**BIOMEDICA**  
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# MOLECULAR MOUSE SYSTEM

READY TO USE  
**LAB-ON-CHIP  
CARTRIDGE**

The Lab-on-Chip is an electrically active microsystem that precisely controls the reaction temperature. It is a disposable device based on a silicon chip manufactured using innovative semiconductor technology.



### MicroWell

All necessary reagents are lyophilized in each 5 uL microwell for multiplex reactions

### RFID tag

stores product and test information used by the software to perform the analysis

REAL TIME PCR



WEIGHT  
300 g



SIZE  
L14 x W7 x H8.5 (cm)



LIS CONNECTION



POWER SUPPLY  
12V DC, 1.6A



MODULAR CONFIGURATION  
AS SAMPLES INCREASE



Up to 6  
instruments can  
be managed  
independently  
with **one software  
session**



Scan qr-code  
**DISCOVER MORE**

# SEPSIS PANEL

5 different cartridges for rapid detection of microorganisms of major clinical relevance and their antibiotic resistance genes, starting from positive blood cultures.

GRAM NEG ID

GRAM NEG RES

GRAM POS STAPH

GRAM POS NO STAPH

YEAST BLOOD

**64** different targets:  
44 microorganisms and  
20 resistance genes

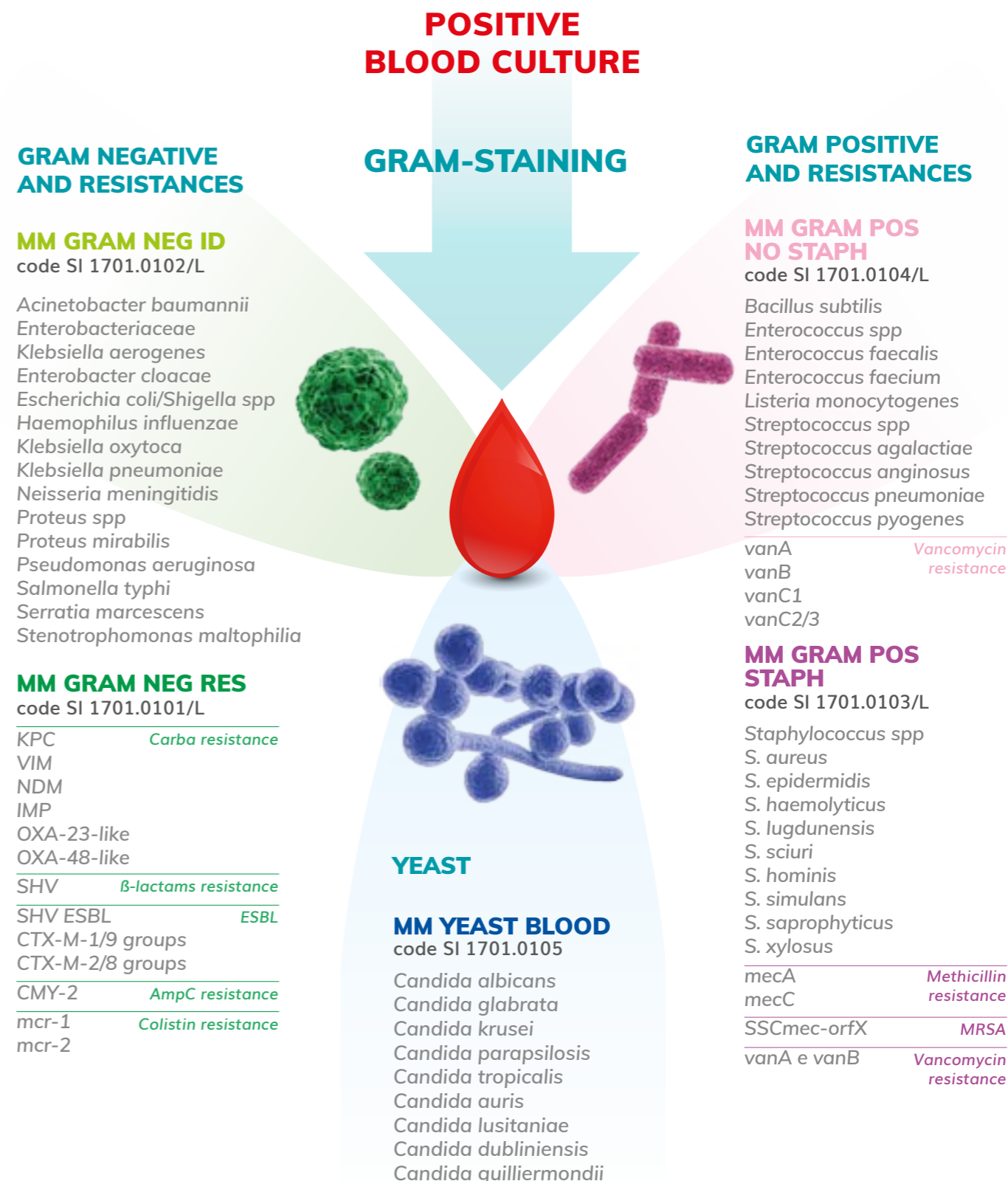
- Detection of the main antibiotic resistances for  $\beta$ -lactams and carbapenems
- Ability to analyse polymicrobial samples
- Rapid results in about 1 HOUR
- **NO extraction** is needed\*
- **Easy pre-analytical** step in only 5 minutes\*
- User-Friendly
- Reduced reagents use and waste production

\*Except for yeast cartridge

The widest panel for the critically ill patient management and Rational use of antibiotics.

mecA  
mecC  
vanC1  
vanC2/3  
KPC  
VIM  
NDM  
OXA-48  
OXA-23  
SHV ESBL  
CMY2  
mcr-1  
mcr-2

## COMPOSE YOUR PANEL TO SPEED UP DIAGNOSIS AND SAVE COST



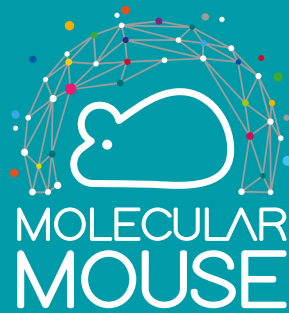
Each kit code is composed by 20 cartridges.

MOLECULAR MOUSE SYSTEM  
(code SI 1701.100/I - included: PC, software, Molecular Mouse instrument with power supply, USB cable, 1 cartridge holder and 2 self check cartridges)



**INSIDE INNOVATION**

STM\_BRO002\_MMSEPSIS\_01\_02\_17072023\_EN



**SEPSIS PANEL**



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