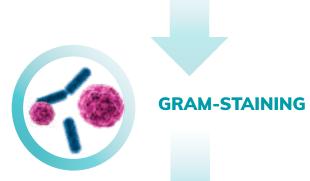
Compose your panel to speed up diagnosis and save cost

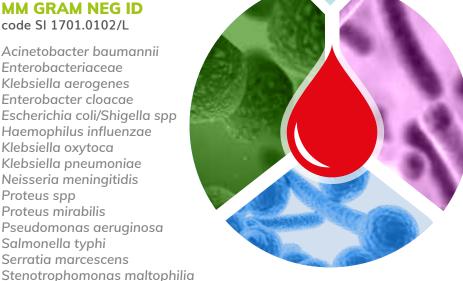
POSITIVE BLOOD CULTURE



GRAM NEGATIVE AND RESISTANCES

MM GRAM NEG ID code SI 1701.0102/L

Acinetobacter baumannii Enterobacteriaceae Klebsiella aerogenes Enterobacter cloacae Escherichia coli/Shigella spp Haemophilus influenzae Klebsiella oxytoca Klebsiella pneumoniae Neisseria meningitidis Proteus spp Proteus mirabilis Pseudomonas aeruginosa Salmonella typhi Serratia marcescens



MM GRAM NEG RES code SI 1701.0101/L

KPC

VIM NDM IMP

> OXA-23-like OXA-48-like

SHV

SHV ESBL

CTX-M-1/9 groups CTX-M-2/8 groups

CMY-2

mcr-1 mcr-2

YEAST

MM YEAST BLOOD code SI 1701.0105

Candida parapsilosis

Candida tropicalis

Candida Iusitaniae

Candida dubliniensis

Candida quilliermondii

Candida albicans

Candida krusei

Candida auris

Candida glabrata

S. sciuri

S. hominis

MM GRAM POS

NO STAPH code SI 1701.0104/L

Enterococcus spp Enterococcus faecalis Enterococcus faecium Listeria monocytogenes Streptococcus spp Streptococcus agalactiae Streptococcus anginosus Streptococcus pneumoniae Streptococcus pyogenes vanA vanB vanC1 vanC2/3

code SI 1701.0103/L

Staphylococcus spp

S. epidermidis

S. lugdunensis

S. saprophyticus

S. xylosus

vanA e vanB

SSCmec-orfX

GRAM POSITIVE AND RESISTANCES

Bacillus subtilis

MM GRAM POS STAPH

S. aureus

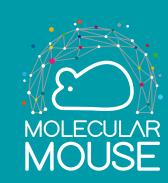
S. haemolyticus

S. simulans

mecA mecC



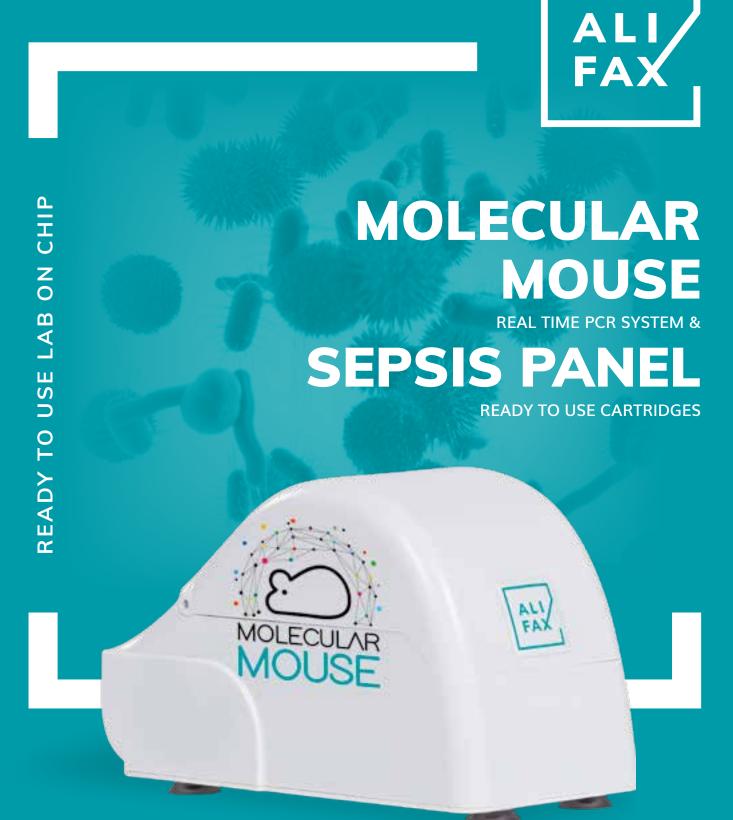




SEPSIS PANEL

MOLECULAR MOUSE VIDEO





ALIFAX S.r.l.

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MOLECULAR MOUSE SYSTEM

SEPSIS PANEL

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.

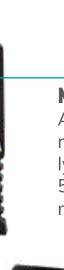
RFID tag

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



MicroWell

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





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

LIS CONNECTION









WEIGHT 300 g



L14 x W7 x H8.5 (cm)



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

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











64 different targets: 44 microorganisms and 20 resistance genes

- Detection of the main antibiotic resistances for **B-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 and fungi cartridge

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

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MODULAR CONFIGURATION

AS SAMPLES INCREASE