

Liofilchem® Chromatic MRSA



S. aureus ATCC® 43300

Selective chromogenic medium for isolating methicillin-resistant *Staphylococcus aureus*.

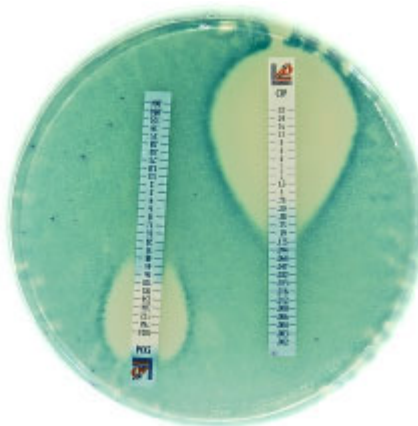
Methicillin resistant *Staphylococcus aureus* (MRSA) caused an increasing number of hospital infections in the recent years. A wide range of antimicrobial compounds, including the beta-lactam antibiotics, result unsuccessful for treating the methicillin resistant *S. aureus*.

Microorganism	colony color
MRSA	pink
MSSA and other strains	partially or totally inhibited

Ref.: 10599

Presentación: 20 placas

Liofilchem® Chromatic MH



E. faecalis with MIC Test Strip

Chromogenic Muller Hinton for presumptive identification and susceptibility testing of various microorganisms from clinical specimens.

In the Intensive Care Unit the mortality rates for VAP, sepsis, surgical site or intra-abdominal, catheter related infections are critically high. Direct M.I.C. on CSF, positive blood culture bottles and other specimens from critical patients and direct M.I.C. on bronchial aspirates from patients with VAP can contribute with timely and essential information to save the life of patients.

Microorganism	colony color
<i>Escherichia coli</i>	pink
<i>Klebsiella pneumoniae</i>	green-blue
<i>Proteus mirabilis</i>	brown
<i>Pseudomonas aeruginosa</i>	yellowish
<i>Staphylococcus aureus</i>	creamy white
<i>Enterococcus faecalis</i>	green-turquoise

Ref.: 11618

Presentación: 20 placas

Liofilchem® Chromatic MRSA/Staph aureus



methicillin-resistant *Staphylococcus aureus*

Double selective chromogenic plate for isolating and differentiating MRSA from MSSA.

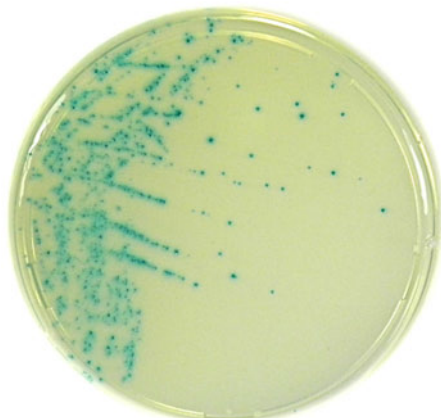
CHROMATIC STAPH AUREUS medium has a clear appearance and light amber color, and is used for *Staphylococcus aureus* isolation. CHROMATIC MRSA medium has an opaque and cloudy appearance and light beige color, and is used for methicillin-resistant *Staphylococcus aureus* isolation.

	Microorganism	colony color
MRSA side	MRSA	pink
	MSSA and other strains	partially or totally inhibited
Staph aureus side	<i>Staphylococcus aureus</i>	pink
	other	blue, colorless or inhibited

Ref.: 18007

Presentación: 20 placas

Liofilchem® Chromatic VRE



Enterococcus faecium (VRE) ATCC® 12202

Chromogenic medium for screening vancomycin-resistant enterococci.

Chromatic VRE contains a mixture of antibiotics including vancomycin for screening Vancomycin-resistant enterococci (VRE) and provides presumptive identification of *Enterococcus faecium* and *Enterococcus faecalis* directly from clinical specimens.

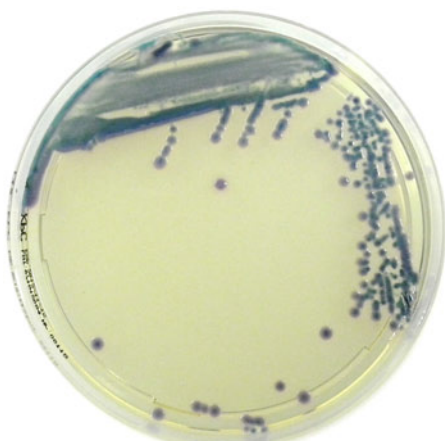
VRE have recently been recognized as one of the most severe cause of nosocomial infections.

An intrinsic resistance (vanC, vanD, vanE, vanF etc) is found in *E. gallinarum* and *E. casseliflavus/E. flavescens* and shows low resistance to vancomycin. Instead, an acquired resistance of vancomycin in enterococci (vanA & vanB types) is mostly detected in *E. faecium* and *E. faecalis*.

The prompt detection of Vancomycin-resistance of *E. faecium* and *E. faecalis* is basic for avoiding the spread of this resistance to more virulent such as *S. aureus*.

Packaging	ref.
20 plates	11621

Liofilchem® Chromatic CRE



CRE-positive *Klebsiella pneumoniae* + CRE-positive *Escherichia coli*

Chromatic CRE is a chromogenic screening medium for the detection of carbapenem-resistant Enterobacteriaceae.

Chromatic CRE contains a mixture of carbapenems for screening a wide variety of carbapenem-resistance mechanisms and provides presumptive identification of *E. coli* and the *Klebsiella*, *Enterobacter*, *Serratia* and *Citrobacter* (KESC) group directly from clinical specimens.

Carbapenems, successfully used to treat multi-resistant Gram-negative bacterial infections, including ESBL positive strains, are not efficacious against the Enterobacteriaceae resistant to carbapenems, thus generating a significant risk of hospital-acquired infections.

Packaging	ref.
20 plates	11619

MIC Test Strip **ESBL**: Extended Spectrum Beta-Lactamase

DESCRIPTION		µg/mL	CODE	PACKAGING	REF.
MIC Test Strip	CEFEPIME/CEFEPIME+CLAVULANIC ACID (4 µg/mL)	0.25-16 / 0.064-4	FEP/FEL	10 strips	921611
				30 strips	92161
				100 strips	921610
MIC Test Strip	CEFOTAXIME/CEFOTAXIME+CLAVULANIC ACID (4 µg/mL)	0.25-16 / 0.016-1	CTX/CTL	10 strips	921601
				30 strips	92160
				100 strips	921600
MIC Test Strip	CEFTAZIDIME/CEFTAZIDIME+CLAVULANIC ACID (4 µg/mL)	0.5-32 / 0.064-4	CAZ/CAL	10 strips	921591
				30 strips	92159
				100 strips	921590

MIC Test Strip **MBL**: Metallo Beta-Lactamase

DESCRIPTION		µg/mL	CODE	PACKAGING	REF.
MIC Test Strip	IMIPENEM / IMIPENEM + EDTA	4-256 / 1-64	IMI/IMD	10 strips	921621
				30 strips	92162
				100 strips	921620
MIC Test Strip	MEROPENEM / MEROPENEM + EDTA		MRP/MRD	10 strips	
				30 strips	
				100 strips	

NOVEDAD

MIC Test Strip **GRD**: Glycopeptide Resistance Detection

investigational use only

DESCRIPTION		µg/mL	CODE	PACKAGING	REF.
MIC Test Strip	VANCOMYCIN / TEICoplanin	0.5-32 / 0.5-32	VA/TEC	10 strips	921631
				30 strips	92163
				100 strips	921630

MIC Test Strip **AmpC** Detection

investigational use only

DESCRIPTION		µg/mL	CODE	PACKAGING	REF.
MIC Test Strip	CEFOTETAN / CEFOTETAN+CLOXACILLIN	0.5-32 / 0.5-32	CTT/CXT	10 strips	921641
				30 strips	92164
				100 strips	921640



K. pneumoniae ATCC® 700603
MIC Test Strip CTX/CTL 0.25-16/0.016-1 µg/mL
M.I.C. CTX = ellipse deformation, M.I.C. CTL = 0.5 µg/mL



S. pneumoniae ATCC® 49619
MIC Test Strip IMI 0.002-32 µg/mL
M.I.C. = 0.094 µg/mL