

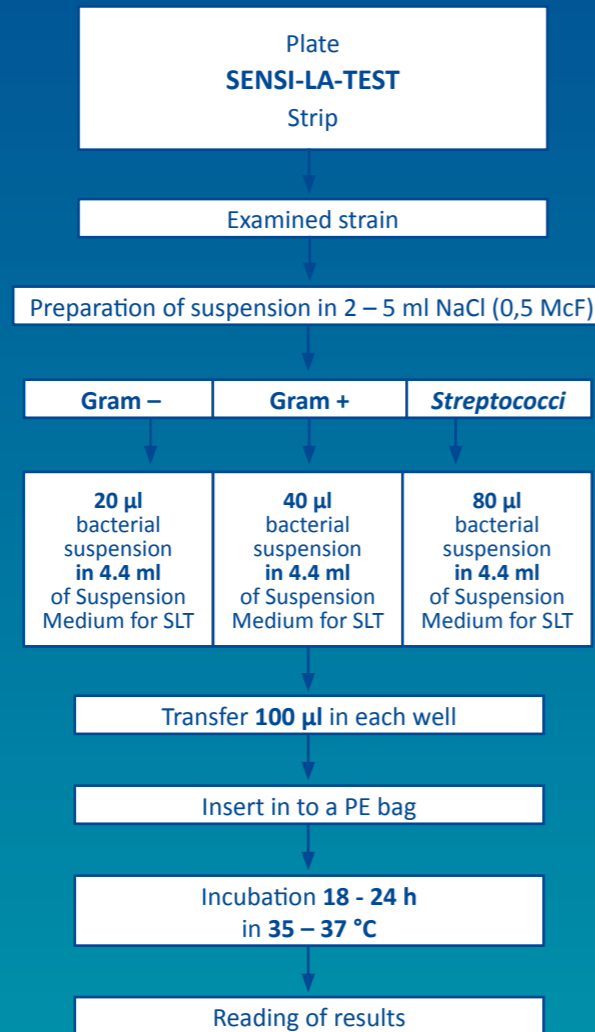
- Based on EUCAST
- Easy interpretation
- Visual reading of results
- Striped microplates
- Expiration up to 2 years after production
- Storage at room temperature
- Dehydrated suspension medium is part of the kit



Product webpage

Break-point system for antibiotic susceptibility testing

Work procedure



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Break-point system for antibiotic susceptibility testing SENSILATEST

Principle of the method:

Testing is based on bacterial growth in break-point concentrations of antibiotics. Break-points refer to standards of European Committee for Antimicrobial Susceptibility Testing – EUCAST issued in January 2011. Most of the antibiotics are represented by two (in exceptional cases one or three) break-point concentrations which enable interpretation to three categories: sensitive, intermediate or resistant.

These categories are characterised by EUCAST* as follows:

Microorganism is defined as *sensitive* by a level of antimicrobial activity associated with a high likelihood of therapeutic success,

Microorganism is defined as *intermediate* by a level of antimicrobial activity associated with uncertain therapeutic effect,

Microorganism is defined as *resistant* by a level of antimicrobial activity associated with a high likelihood of therapeutic failure.

In each test system there is a growth control.

* www.eucast.org

SENSILATEST G-I

The kit is designed to test antimicrobial susceptibility of bacteria from Enterobacteriaceae family. The kit contains 60 detection strips. It enables prognosis of ESBL production.

We recommend to use SENSILATEST G-I together with SENSILATEST G-II to test susceptibility of antibiotics aimed for treatment of serious infections especially in hospitalized patients.

Growth control	Ampicillin	Ampicillin /sulbactam	Cefalexin	Cefuroxime	Cefotaxime		Colistin
GC	AMP	AMS	CEX	CXM	CTX	CTX	COL
	8	8/4	16	8	1	2	2
Ciprofloxacin		Trimetoprim /sulfamethoxazole		Gentamicin		Amikacin	
CIP	CIP	TS	TS	GEN	GEN	AMK	AMK
0,5	1	2/38	4/76	2	4	8	16

SENSILATEST G-II

The kit is designed to test antimicrobial susceptibility of bacteria from Enterobacteriaceae family. It enables prognosis of ESBL production.

The antibiotics in this kit are aimed for treatment of serious infections especially in hospitalized patients. Antibiotics for less serious infections are included in the kit SENSILATEST G-I.

The kit contains 60 detection strips.

Growth control	Piperacillin /tazobactam	Meropenem		Cefepime		Ceftazidime	
GC	PIT	MER	MER	CEP	CEP	CAZ	CAZ
	16/4	2	8	1	4	1	4
Aztreonam		Tigecycline		Netilmicin		Ceftazidime / clavulanate	
AZT	AZT	TGC	TGC	NET	NET	CZC	CZC
1	4	1	2	2	4	0,25/4	1/4

SENSILATEST G+

The kit is designed to test antimicrobial susceptibility of Gram-positive bacteria: enterococci and A,B,C,G streptococci.

The kit contains 40 detection strips.

Growth control	Chloramphenicol	Moxifloxacin		Linezolid		Ampicillin	
GC	CMP	MOX	MOX	LIZ	LIZ	AMP	AMP
	8	0,5	1	2	4	4	8
Tigecycline		Levofloxacin		Erytromycin		Penicillin	
TGC	TGC	LEV	LEV	ERY	ERY	PEN	PEN
0,25	0,5	1	2	0,25	0,5	0,25	2
Ceftriaxon		Tetracycline		Clindamycin	Gentamicin	Vancomycin	
CRO	CRO	TET	TET	CLI	GEN	VAN	VAN
0,5	1	1	2	0,5	256	2	4

SENSILATEST URINE

The kit is designed to test antimicrobial susceptibility of bacteria isolated from urine tract, especially family Enterobacteriaceae. It enables prognosis of ESBL production.

The kit contains 40 detection strips.

Growth control	Ampicillin	Amoxicillin/ clavulanate	Piperacillin /tazobactam	Cefotaxime		Ceftazidime	
GC	AMP	AMC	PIT	CTX	CTX	CAZ	CAZ
	8	8/2	16/4	1	2	1	4
Ceftazidime/clavulanate		Gentamicin		Amikacin		Norfloxacin	
CZC	CZC	GEN	GEN	AMK	AMK	NOR	NOR
1/4	4/4	2	4	8	16	0,5	1
Ciprofloxacin		Trimetoprim /sulfamethoxazole		Ertapenem		Fosfomicin	Nitrofurantoin
CIP	CIP	T/S	T/S	ERT	ERT	FOS	NFT
0,5	1	2/38	4/76	0,5	1	32	64

SENSILATEST NEFERM

The kit is designed to test antimicrobial susceptibility of non-fermenting bacteria. It enables prognosis of MBL (metallo-beta-lactamase) production.

The kit contains 60 detection strips.

Growth control	Ceftazidime	Cefepime	Meropenem			Amikacin	
GC	CAZ	CEP	MER	MER	MER	AMK	AMK
	8	8	2	4	8	8	16
Ciprofloxacin		Trimetoprim /sulfamethoxazole		Colistin		Piperacillin /tazobactam	Gentamicin
CIP	CIP	T/S	T/S	COL	COL	PIT	GEN
0,5	1	2/38	4/76	2	4	16/4	4

SENSILATEST STAPHY

The kit is designed to test antimicrobial susceptibility of staphylococci. Possibility of MRSA is indicated. The kit contains 60 detection strips.

Growth control	Trimetoprim /sulfamethoxazol		Tigecycline	Linezolid	Erytromycin		Vancomycin	
GC	T/S	T/S	TGC	LIZ	ERY	ERY	VAN	
	2/38	4/76	0,5	4	1	2	2	
Ciprofloxacin		Cefoxitin	Fusidic acid	Rifampicin		Clindamycin		Gentamicin
CIP	COX	FUS	RAM	RAM	CLI	CLI	GEN	
1	4	1	0,0625	0,5	0,25	0,5	1	