

Quantitative assay for determining the Minimum Inhibitory Concentration (M.I.C.)

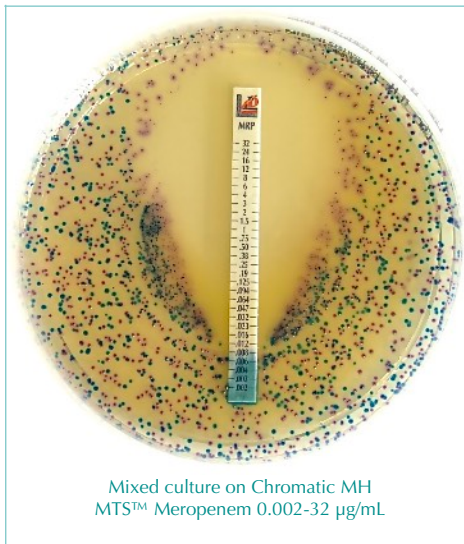
MTS™ is a quantitative assay for determining the Minimum Inhibitory Concentration (M.I.C.) of antimicrobial agents against microorganisms and for detecting the resistance mechanisms.

MTS™ are porous strips with special features that are impregnated with a predefined concentration gradient of antibiotic, across 15 two-fold dilutions of a conventional M.I.C. method.

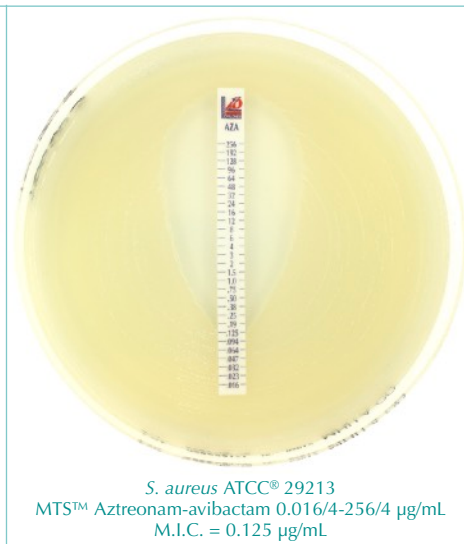
On one side of the strip is indicated a M.I.C. scale in $\mu\text{g/mL}$ and a code that identify the antimicrobial agent.

For ESBL, MBL, GRD, AmpC and KPC detection, the double-sided gradient carries the appropriate diagnostic reagents.

MTS™ are available in a large variety of configurations. Each configuration is available in packages of 10, 30 and 100 tests.



Mixed culture on Chromatic MH
MTS™ Meropenem 0.002-32 $\mu\text{g/mL}$



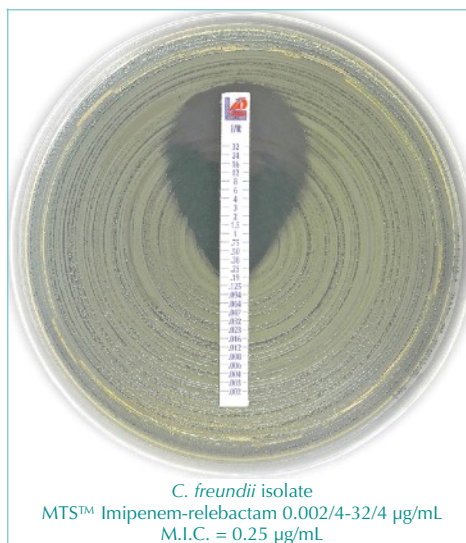
S. aureus ATCC® 29213
MTS™ Aztreonam-avibactam 0.016/4-256/4 $\mu\text{g/mL}$
M.I.C. = 0.125 $\mu\text{g/mL}$

method principle

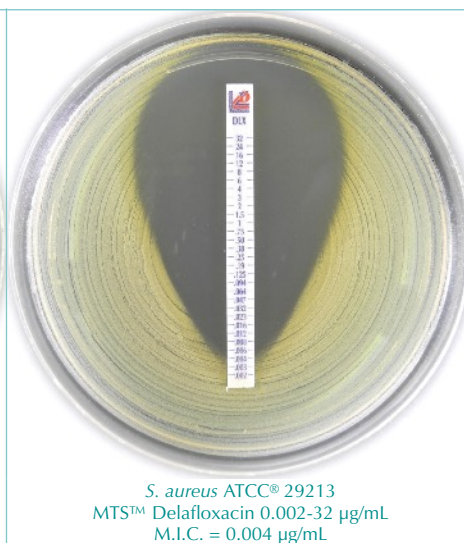
When the **MTS™** is applied onto an inoculated agar surface, the preformed exponential gradient of antimicrobial agent is transferred to the agar matrix.

After 18 hours incubation or longer, a symmetrical inhibition ellipse centered along the strip is formed. The MIC is read directly from the scale in terms of $\mu\text{g/mL}$ at the point where the edge of the inhibition ellipse intersects the **MTS™**.

Other growth/inhibition patterns may also be seen for resistance detection methods.



C. freundii isolate
MTS™ Imipenem-relebactam 0.002/4-32/4 $\mu\text{g/mL}$
M.I.C. = 0.25 $\mu\text{g/mL}$



S. aureus ATCC® 29213
MTS™ Delafloxacin 0.002-32 $\mu\text{g/mL}$
M.I.C. = 0.004 $\mu\text{g/mL}$

Bibliography

- CLSI M100-Ed34, 2024. Performance Standards for Antimicrobial Susceptibility Testing.
- CLSI M07-Ed12, 2024. Methods for Dilution Antimicrobial Susceptibility Tests for Bacteria That Grow Aerobically.
- CLSI M11-Ed9, 2018. Methods for Antimicrobial Susceptibility Testing of Anaerobic Bacteria.
- CLSI M27M44S-Ed3, 2022. Performance Standards for Antifungal Susceptibility Testing of Yeasts.
- CLSI M27-Ed4, 2017. Reference Method for Broth Dilution Antifungal Susceptibility Testing of Yeasts.
- CLSI VET01S-Ed7, 2024. Performance Standards for Antimicrobial Disk and Dilution Susceptibility Tests for Bacteria Isolated From Animals.
- CLSI VET01-Ed6, 2024. Performance Standards for Antimicrobial Disk and Dilution Susceptibility Tests for Bacteria Isolated From Animals.
- EUCAST. Breakpoint Tables for Interpretation of MICs and Zone Diameters. v. 14.0 (2024).

MTS™ for ANTIMICROBIAL susceptibility testing

Description		µg/mL	Code	CE IVD	US FDA ¹	Packaging	Ref.
MTS™	AMIKACIN	0.016 - 256	AK	✓	RUO	10/pack 30/pack 100/pack	920181 92018 920180
MTS™	AMOXICILLIN	0.016 - 256	AML	✓	RUO	10/pack 30/pack 100/pack	920211 92021 920210
MTS™	AMOXICILLIN*-CLAVULANIC ACID (2/1) <i>CLSI recommended</i>	0.016 - 256*	AUG	✓	RUO	10/pack 30/pack 100/pack	920241 92024 920240
MTS™	AMOXICILLIN-CLAVULANIC ACID <i>EUCAST recommended</i>	0.016/2 - 256/2	AMC	✓	RUO	10/pack 30/pack 100/pack	921801 92180 921800
MTS™	AMPICILLIN	0.016 - 256	AMP	✓	RUO	10/pack 30/pack 100/pack	920031 92003 920030
MTS™	AMPICILLIN*-SULBACTAM (2/1) <i>CLSI recommended</i>	0.016 - 256*	AMS	✓	✓	10/pack 30/pack 100/pack	920271 92027 920270
MTS™	AMPICILLIN-SULBACTAM <i>EUCAST recommended</i>	0.016/4 - 256/4	SAM	✓	RUO	10/pack 30/pack 100/pack	921811 92181 921810
MTS™	AZITHROMYCIN	0.016 - 256	AZM	✓	✓	10/pack 30/pack 100/pack	920301 92030 920300
MTS™	AZTREONAM	0.016 - 256	ATM	✓	RUO	10/pack 30/pack 100/pack	920331 92033 920330
MTS™	AZTREONAM	0.064 - 1024	ATM	✓	RUO	10/pack 30/pack 100/pack	921731 92173 921730
MTS™	AZTREONAM-AVIBACTAM	0.016/4 - 256/4	AZA	RUO	RUO	10/pack 30/pack 100/pack	920891 92089 920890
MTS™	BACITRACIN	0.016 - 256	BA	✓	RUO	10/pack 30/pack 100/pack	920191 92019 920190
MTS™	CEFACLOR	0.016 - 256	CEC	✓	RUO	10/pack 30/pack 100/pack	920361 92036 920360
MTS™	CEFAZOLIN	0.016 - 256	KZ	✓	RUO	10/pack 30/pack 100/pack	921741 92174 921740
MTS™	CEFEPIME	0.002 - 32	FEP	✓	RUO	10/pack 30/pack 100/pack	921271 92127 921270
MTS™	CEFEPIME	0.016 - 256	FEP	✓	RUO	10/pack 30/pack 100/pack	921261 92126 921260
MTS™	CEFEPIME-ENMETAZOBACTAM	0.004/8 - 64/8	FPE	RUO	RUO	10/pack 30/pack 100/pack	920981 92098 920980
MTS™	CEFIDEROCOL <i>for Pseudomonas aeruginosa</i>	0.016 - 256	FDC	✓	RUO	10/pack 30/pack 100/pack	920671 92067 920670
MTS™	CEFIXIME	0.016 - 256	CFM	✓	RUO	10/pack 30/pack 100/pack	920601 92060 920600
MTS™	CEFOPERAZONE*-SULBACTAM (2/1)	0.016 - 256*	CPS	✓	RUO	10/pack 30/pack 100/pack	920231 92023 920230
MTS™	CEFOTAXIME	0.002 - 32	CTX	✓	RUO	10/pack 30/pack 100/pack	920071 92007 920070
MTS™	CEFOTAXIME	0.016 - 256	CTX	✓	RUO	10/pack 30/pack 100/pack	920061 92006 920060
MTS™	CEFOTETAN	0.016 - 256	CTT	✓	RUO	10/pack 30/pack 100/pack	920201 92020 920200
MTS™	CEFOXITIN	0.016 - 256	FOX	✓	RUO	10/pack 30/pack 100/pack	920661 92066 920660
MTS™	CEFPIROME	0.016 - 256	CR	✓	RUO	10/pack 30/pack 100/pack	920081 92008 920080
MTS™	CEFPODOXIME	0.016 - 256	PX	✓	RUO	10/pack 30/pack 100/pack	920051 92005 920050
MTS™	CEFTAROLINE	0.002 - 32	CPT	✓	RUO	10/pack 30/pack 100/pack	920561 92056 920560
MTS™	CEFTAROLINE	0.016 - 256	CPT	✓	RUO	10/pack 30/pack 100/pack	920491 92049 920490
MTS™	CEFTAZIDIME	0.016 - 256	CAZ	✓	✓	10/pack 30/pack 100/pack	921381 92138 921380
MTS™	CEFTAZIDIME-AVIBACTAM	0.016/4 - 256/4	CZA	✓	✓	10/pack 30/pack 100/pack	921391 92139 921390

MTS™ for ANTIMICROBIAL susceptibility testing

Description		µg/mL	Code	CE IVD	US FDA¹	Packaging	Ref.
MTS™	CEFTIBUTEN	0.002 - 32	CTB	✓	RUO	10/pack	920581
						30/pack	92058
						100/pack	920580
MTS™	CEFTIZOXIME	0.016 - 256	CZX	✓	RUO	10/pack	920161
						30/pack	92016
						100/pack	920160
MTS™	CEFTIZOXIME	0.002 - 32	CZX	RUO	RUO	10/pack	920591
						30/pack	92059
						100/pack	920590
MTS™	CEFTOBIPROLE	0.002 - 32	BPR	✓	RUO	10/pack	921401
						30/pack	92140
						100/pack	921400
MTS™	CEFTOLOZANE-TAZOBACTAM	0.016/4 - 256/4	C/T	✓	✓	10/pack	921461
						30/pack	92146
						100/pack	921460
MTS™	CEFTRIAXONE	0.016 - 256	CRO	✓	RUO	10/pack	920421
						30/pack	92042
						100/pack	920420
MTS™	CEFTRIAXONE	0.002 - 32	CRO	✓	RUO	10/pack	920431
						30/pack	92043
						100/pack	920430
MTS™	CEFUROXIME	0.016 - 256	CXM	✓	RUO	10/pack	921291
						30/pack	92129
						100/pack	921290
MTS™	CEPHALOTHIN	0.016 - 256	KF	✓	RUO	10/pack	920391
						30/pack	92039
						100/pack	920390
MTS™	CHLORAMPHENICOL	0.016 - 256	C	✓	RUO	10/pack	920751
						30/pack	92075
						100/pack	920750
MTS™	CIPROFLOXACIN	0.002 - 32	CIP	✓	✓	10/pack	920451
						30/pack	92045
						100/pack	920450
MTS™	CLARITHROMYCIN	0.016 - 256	CLR	✓	RUO	10/pack	920481
						30/pack	92048
						100/pack	920480
MTS™	CLINDAMYCIN	0.016 - 256	CD	✓	✓	10/pack	920721
						30/pack	92072
						100/pack	920720
MTS™	CLOXACILLIN	0.016 - 256	CX	✓	RUO	10/pack	920441
						30/pack	92044
						100/pack	920440
MTS™	COLISTIN	0.016 - 256	CS	RUO	RUO	10/pack	921411
						30/pack	92141
						100/pack	921410
MTS™	COLISTIN	0.064 - 1024	CS	RUO	RUO	10/pack	921421
						30/pack	92142
						100/pack	921420
MTS™	DALBAVANCIN	0.002 - 32	DAL	✓	✓	10/pack	921371
						30/pack	92137
						100/pack	921370
MTS™	DAPTOMYCIN Includes Ca ²⁺	0.016 - 256	DAP	✓	RUO	10/pack	921451
						30/pack	92145
						100/pack	921450
MTS™	DELAFLORACIN	0.002 - 32	DLX	✓	✓	10/pack	920801
						30/pack	92080
						100/pack	920800
MTS™	DORIPENEM	0.002 - 32	DOR	✓	RUO	10/pack	920401
						30/pack	92040
						100/pack	920400
MTS™	DOXYCYCLINE	0.016 - 256	DXT	✓	✓	10/pack	921561
						30/pack	92156
						100/pack	921560
MTS™	ENROFLOXACIN	0.002 - 32	ENR	vet	vet	10/pack	920131
						30/pack	92013
						100/pack	920130
MTS™	ERAVACYCLINE	0.002 - 32	ERV	✓	✓	10/pack	921041
						30/pack	92104
						100/pack	921040
MTS™	ERTAPENEM	0.002 - 32	ETP	✓	RUO	10/pack	921571
						30/pack	92157
						100/pack	921570
MTS™	ERYTHROMYCIN	0.016 - 256	E	✓	✓	10/pack	920511
						30/pack	92051
						100/pack	920510
MTS™	FLORFENICOL	0.016 - 256	FFC	vet	vet	10/pack	920611
						30/pack	92061
						100/pack	920610
MTS™	FOSFOMYCIN Includes Glucose-6-Phosphate	0.016 - 256	FOS	✓	RUO	10/pack	920781
						30/pack	92078
						100/pack	920780
MTS™	FOSFOMYCIN Includes Glucose-6-Phosphate	0.064 - 1024	FOS	✓	RUO	10/pack	920791
						30/pack	92079
						100/pack	920790
MTS™	FOSMIDOMYCIN	0.016 - 256	FOM	✓	RUO	10/pack	920501
						30/pack	92050
						100/pack	920500
MTS™	FUSIDIC ACID	0.016 - 256	FU	✓	RUO	10/pack	920021
						30/pack	92002
						100/pack	920020

MTS™ for ANTIMICROBIAL susceptibility testing

Description		µg/mL	Code	CE IVD	US FDA¹	Packaging	Ref.
MTS™	GATIFLOXACIN	0.002 - 32	GAT	✓	RUO	10/pack	920111
						30/pack	920111
						100/pack	920110
MTS™	GEMIFLOXACIN	0.002 - 32	GEM	✓	RUO	10/pack	920351
						30/pack	920351
						100/pack	920350
MTS™	GENTAMICIN	0.016 - 256	CN	✓	✓	10/pack	920091
						30/pack	920091
						100/pack	920090
MTS™	GENTAMICIN	0.064 - 1024	CN	✓	RUO	10/pack	920101
						30/pack	920101
						100/pack	920100
MTS™	IMIPENEM	0.002 - 32	IMI	✓	RUO	10/pack	920541
						30/pack	920541
						100/pack	920540
MTS™	IMIPENEM	0.016 - 256	IMI	✓	✓	10/pack	920681
						30/pack	920681
						100/pack	920680
MTS™	IMIPENEM-RELEBACTAM	0.002/4 - 32/4	I/R	✓	✓	10/pack	920761
						30/pack	920761
						100/pack	920760
MTS™	KANAMYCIN	0.016 - 256	K	✓	RUO	10/pack	920341
						30/pack	920341
						100/pack	920340
MTS™	LEFAMULIN	0.016 - 256	LMU	✓	✓	10/pack	920641
						30/pack	920641
						100/pack	920640
MTS™	LEVOFLOXACIN	0.002 - 32	LEV	✓	✓	10/pack	920811
						30/pack	920811
						100/pack	920810
MTS™	LINEZOLID	0.016 - 256	LNZ	✓	✓	10/pack	921351
						30/pack	921351
						100/pack	921350
MTS™	MARBOFLOXACIN	0.002 - 32	MAR	vet	vet	10/pack	920621
						30/pack	920621
						100/pack	920620
MTS™	MECILLINAM	0.016 - 256	MEC	✓	RUO	10/pack	920171
						30/pack	920171
						100/pack	920170
MTS™	MEROPENEM	0.002 - 32	MRP	✓	✓	10/pack	920841
						30/pack	920841
						100/pack	920840
MTS™	MEROPENEM	0.016 - 256	MRP	✓	RUO	10/pack	920851
						30/pack	920851
						100/pack	920850
MTS™	MEROPENEM-VABORBACTAM	0.016/8 - 256/8	MV	✓	✓	10/pack	920741
						30/pack	920741
						100/pack	920740
MTS™	METRONIDAZOLE	0.016 - 256	MTZ	✓	RUO	10/pack	920871
						30/pack	920871
						100/pack	920870
MTS™	MOXIFLOXACIN	0.002 - 32	MXF	✓	RUO	10/pack	920901
						30/pack	920901
						100/pack	920900
MTS™	MUPIROCIN	0.064 - 1024	MUP	✓	RUO	10/pack	920381
						30/pack	920381
						100/pack	920380
MTS™	MINOCYCLINE	0.016 - 256	MN	✓	RUO	10/pack	920321
						30/pack	920321
						100/pack	920320
MTS™	NALIDIXIC ACID	0.016 - 256	NA	✓	RUO	10/pack	921321
						30/pack	921321
						100/pack	921320
MTS™	NETILMICIN	0.016 - 256	NET	✓	RUO	10/pack	920931
						30/pack	920931
						100/pack	920930
MTS™	NORFLOXACIN	0.016 - 256	NOR	✓	RUO	10/pack	920961
						30/pack	920961
						100/pack	920960
MTS™	NITROFURANTOIN	0.032 - 512	F	✓	RUO	10/pack	920221
						30/pack	920221
						100/pack	920220
MTS™	OFLOXACIN	0.002 - 32	OFX	✓	RUO	10/pack	920991
						30/pack	920991
						100/pack	920990
MTS™	OMADACYCLINE	0.002 - 32	OMC	✓	✓	10/pack	920711
						30/pack	920711
						100/pack	920710
MTS™	OXACILLIN	0.016 - 256	OX	✓	RUO	10/pack	920151
						30/pack	920151
						100/pack	920150
MTS™	PAROMOMYCIN	0.064 - 1024	PAR	RUO	RUO	10/pack	920731
						30/pack	920731
						100/pack	920730
MTS™	PENICILLIN G	0.002 - 32	P	✓	✓	10/pack	921031
						30/pack	921031
						100/pack	921030
MTS™	PENICILLIN G	0.016 - 256	P	✓	RUO	10/pack	921021
						30/pack	921021
						100/pack	921020

MTS™ for ANTIMICROBIAL susceptibility testing

Description		µg/mL	Code	CE IVD	US FDA ¹	Packaging	Ref.
MTS™	PIPERACILLIN	0.016 - 256	PIP	✓	RUO	10/pack	921051
						30/pack	92105
						100/pack	921050
MTS™	PIPERACILLIN-TAZOBACTAM for Enterobacterales, <i>Pseudomonas</i> , <i>Acinetobacter</i>	0.016/4 - 256/4	TZP	✓	✓	10/pack	921081
						30/pack	92108
						100/pack	921080
MTS™	PIPERACILLIN-TAZOBACTAM for <i>Haemophilus</i> , Anaerobes	0.064/4 - 1024/4	TZP	RUO	RUO	10/pack	921131
						30/pack	92113
						100/pack	921130
MTS™	PLAZOMICIN	0.016 - 256	PLZ	✓	✓	10/pack	920701
						30/pack	92070
						100/pack	920700
MTS™	POLYMYXIN B	0.064 - 1024	PB	✓	RUO	10/pack	920041
						30/pack	92004
						100/pack	920040
MTS™	QUINUPRISTIN-DALFOPRISTIN	0.002 - 32	QDA	✓	RUO	10/pack	920261
						30/pack	92026
						100/pack	920260
MTS™	RIFAMPICIN	0.002 - 32	RD	✓	RUO	10/pack	920011
						30/pack	92001
						100/pack	920010
MTS™	RIFAMPICIN	0.016 - 256	RD	✓	RUO	10/pack	920251
						30/pack	92025
						100/pack	920250
MTS™	SPECTINOMYCIN	0.064 - 1024	SPC	✓	RUO	10/pack	920141
						30/pack	92014
						100/pack	920140
MTS™	SPIRAMYCIN	0.002 - 32	SP	✓	RUO	10/pack	920461
						30/pack	92046
						100/pack	920460
MTS™	STREPTOMYCIN	0.064 - 1024	S	✓	RUO	10/pack	921111
						30/pack	92111
						100/pack	921110
MTS™	SULBACTAM	0.016 - 256	SUL	✓	RUO	10/pack	920281
						30/pack	92028
						100/pack	920280
MTS™	SULFAMETHOXAZOLE	0.064 - 1024	SMX	✓	RUO	10/pack	920311
						30/pack	92031
						100/pack	920310
MTS™	TEDIZOLID	0.002 - 32	TZD	✓	✓	10/pack	921361
						30/pack	92136
						100/pack	921360
MTS™	TEICoplanin	0.016 - 256	TEC	✓	RUO	10/pack	920121
						30/pack	92012
						100/pack	920120
MTS™	TELAVANCIN	0.002 - 32	TLV	✓	RUO	10/pack	920521
						30/pack	92052
						100/pack	920520
MTS™	TELAVANCIN	0.016 - 256	TLV	✓	✓	10/pack	920531
						30/pack	92053
						100/pack	920530
MTS™	TEMOCILLIN	0.064 - 1024	TMO	✓	RUO	10/pack	920291
						30/pack	92029
						100/pack	920290
MTS™	TETRACYCLINE	0.016 - 256	TE	✓	✓	10/pack	921141
						30/pack	92114
						100/pack	921140
MTS™	TIAMULIN	0.002 - 32	TIA	vet	vet	10/pack	922001
						30/pack	92200
						100/pack	922000
MTS™	TICARCILLIN	0.016 - 256	TC	✓	RUO	10/pack	921831
						30/pack	92183
						100/pack	921830
MTS™	TICARCILLIN-CLAVULANIC ACID	0.016/2 - 256/2	TTC	✓	RUO	10/pack	921171
						30/pack	92117
						100/pack	921170
MTS™	TIGECYCLINE	0.016 - 256	TGC	✓	RUO	10/pack	921441
						30/pack	92144
						100/pack	921440
MTS™	TILMICOSIN	0.002 - 32	TIL	vet	vet	10/pack	922011
						30/pack	92201
						100/pack	922010
MTS™	TOBRAMYCIN	0.016 - 256	TOB	✓	RUO	10/pack	921211
						30/pack	92121
						100/pack	921210
MTS™	TOBRAMYCIN	0.064 - 1024	TOB	✓	RUO	10/pack	921201
						30/pack	92120
						100/pack	921200
MTS™	TRIMETHOPRIM	0.002 - 32	TM	✓	RUO	10/pack	920371
						30/pack	92037
						100/pack	920370
MTS™	TRIMETHOPRIM*-SULFAMETHOXAZOLE (1/19)	0.002 - 32*	SXT	✓	RUO	10/pack	921231
						30/pack	92123
						100/pack	921230
MTS™	VANCOMYCIN	0.016 - 256	VA	✓	✓	10/pack	920571
						30/pack	92057
						100/pack	920570

¹ United States FDA: check the package insert to determine the clearance for testing an agent against a particular isolate.

MTS™ for ANTIMYCOBACTERIAL susceptibility testing							
Description		µg/mL	Code	CE IVD	US FDA ¹	Packaging	Ref.
MTS™	Ethambutol	0.016 - 256	EB	✓	RUO	10/pack	921701
						30/pack	92170
						100/pack	921700
MTS™	Ethionamide	0.016 - 256	ET	✓	RUO	10/pack	921721
						30/pack	92172
						100/pack	921720
MTS™	Isoniazide	0.016 - 256	IZ	✓	RUO	10/pack	921711
						30/pack	92171
						100/pack	921710

MTS™ for ANTIFUNGAL susceptibility testing							
Description		µg/mL	Code	CE IVD	US FDA ¹	Packaging	Ref.
MTS™	Amphotericin B	0.002 - 32	AMB	✓	RUO	10/pack	921531
						30/pack	92153
						100/pack	921530
MTS™	Anidulafungin	0.002 - 32	AND	✓	RUO	10/pack	921551
						30/pack	92155
						100/pack	921550
MTS™	Caspofungin	0.002 - 32	CAS	✓	RUO	10/pack	921541
						30/pack	92154
						100/pack	921540
MTS™	Fluconazole	0.016 - 256	FLU	✓	RUO	10/pack	921471
						30/pack	92147
						100/pack	921470
MTS™	Flucytosine	0.002 - 32	FC	✓	RUO	10/pack	921491
						30/pack	92149
						100/pack	921490
MTS™	Isavuconazole	0.002 - 32	IVU	✓	RUO	10/pack	921841
						30/pack	92184
						100/pack	921840
MTS™	Itraconazole	0.002 - 32	ITC	✓	RUO	10/pack	921481
						30/pack	92148
						100/pack	921480
MTS™	Ketoconazole	0.002 - 32	KE	✓	RUO	10/pack	921511
						30/pack	92151
						100/pack	921510
MTS™	Micafungin	0.002 - 32	MYC	✓	RUO	10/pack	921821
						30/pack	92182
						100/pack	921820
MTS™	Posaconazole	0.002 - 32	POS	✓	RUO	10/pack	921521
						30/pack	92152
						100/pack	921520
MTS™	Rezafungin	0.002 - 32	RZF	RUO	RUO	10/pack	920911
						30/pack	92091
						100/pack	920910
MTS™	Voriconazole	0.002 - 32	VO	✓	RUO	10/pack	921501
						30/pack	92150
						100/pack	921500

MTS™ for Antimicrobial Resistance Testing							
Description		µg/mL	Code	CE IVD	US FDA ¹	Packaging	Ref.
MTS™	CEFEPIME/CEFEPIME+CLAVULANIC ACID (4 µg/mL) for confirmation of Extended Spectrum Beta-Lactamase (ESBL)	0.25-16 / 0.064-4	FEP/FEL	✓	RUO	10/pack	921611
						30/pack	92161
						100/pack	921610
MTS™	CEFOTAXIME/CEFOTAXIME+CLAVULANIC ACID (4 µg/mL) for confirmation of Extended Spectrum Beta-Lactamase (ESBL)	0.25-16 / 0.016-1	CTX/CTL	✓	RUO	10/pack	921601
						30/pack	92160
						100/pack	921600
MTS™	CEFTAZIDIME/CEFTAZIDIME+CLAVULANIC ACID (4 µg/mL) for confirmation of Extended Spectrum Beta-Lactamase (ESBL)	0.5-32 / 0.064-4	CAZ/CAL	✓	RUO	10/pack	921591
						30/pack	92159
						100/pack	921590
MTS™	IMIPENEM / IMIPENEM + EDTA for detection of Metallo Beta-Lactamase (MBL)	4-256 / 1-64	IMI/IMD	✓	RUO	10/pack	921621
						30/pack	92162
						100/pack	921620
MTS™	IMIPENEM / IMIPENEM + EDTA for detection of Metallo Beta-Lactamase (MBL)	0.125-8 / 0.032-2	IMI/IMD	✓	RUO	10/pack	921661
						30/pack	92166
						100/pack	921660
MTS™	MEROPENEM / MEROPENEM + EDTA for detection of Metallo Beta-Lactamase (MBL)	0.125-8 / 0.032-2	MRP/ MRD	✓	RUO	10/pack	921651
						30/pack	92165
						100/pack	921650
MTS™	MEROPENEM / MEROPENEM + PHENYLBORONIC ACID for KPC detection	0.125-8 / 0.032-2	MRP/ MBO	✓	RUO	10/pack	921671
						30/pack	92167
						100/pack	921670
MTS™	ERTAPENEM / ERTAPENEM + PHENYLBORONIC ACID for KPC detection	0.125-8 / 0.032-2	ETP/EBO	✓	RUO	10/pack	921681
						30/pack	92168
						100/pack	921680
MTS™	CEFOTETAN / CEFOTETAN+CLOXACILLIN for AmpC detection	0.5-32 / 0.5-32	CTT/CXT	✓	RUO	10/pack	921641
						30/pack	92164
						100/pack	921640
MTS™	ERTAPENEM / ERTAPENEM + CLOXACILLIN for AmpC detection	0.125-8 / 0.032-2	ETP/ECX	✓	RUO	10/pack	921691
						30/pack	92169
						100/pack	921690
MTS™	VANCOMYCIN / TEICoplanin for detection of Glycopeptide Resistance (GRD)	0.5-32 / 0.5-32	VA/TEC	✓	RUO	10/pack	921631
						30/pack	92163
						100/pack	921630

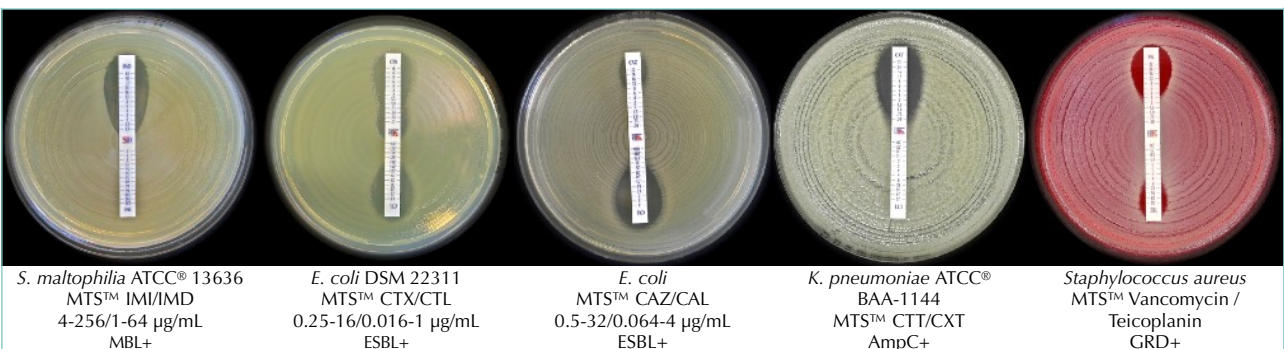
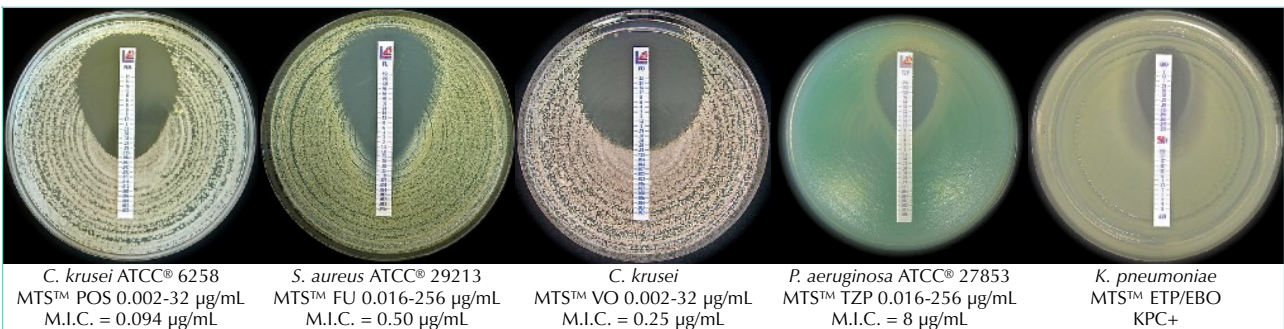
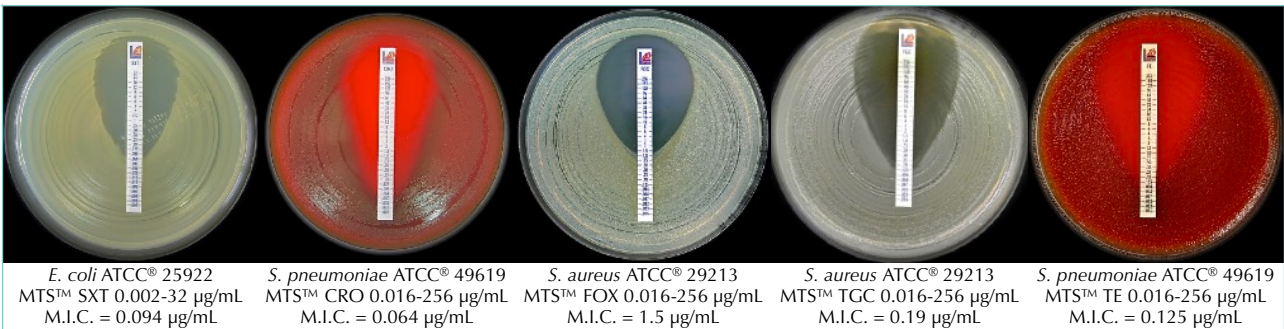
¹ United States FDA: check the package insert to determine the clearance for testing an agent against a particular isolate.

Ready to use culture media













































Description	CE IVD	US FDA	Format	Packaging	Ref.
Mueller Hinton II Agar for antimicrobial susceptibility testing of non-fastidious organisms.	✓	RUO	90 mm 140 mm	20/pack 10/pack	10031 10231
Mueller Hinton II Agar + Sheep Blood 5% for antimicrobial susceptibility testing of fastidious organisms.	✓	RUO	90 mm 140 mm	20/pack 10/pack	10131 11231
Mueller Hinton Fastidious Agar (Horse blood 5% + 20 mg/L β-NAD) EUCAST recommended: for antimicrobial susceptibility testing of <i>Streptococcus</i> spp., <i>Haemophilus</i> spp., and some other fastidious organisms.	✓	RUO	90 mm 140 mm	20/pack 10/pack	10132 11132
Mueller Hinton II Agar + 2% NaCl for antimicrobial susceptibility testing of staphylococci with Oxacillin.	✓	RUO	90 mm	20/pack	11206
Chromatic MH Chromogenic medium for the preliminary identification and susceptibility testing of bacteria directly from clinical and environmental specimens.	✓	RUO	90 mm 140 mm	20/pack 10/pack	11618 10246
Brucella Blood Agar with Hemin and Vitamin K1 for antimicrobial susceptibility testing of anaerobic bacteria.	✓	RUO	90 mm	20/pack	10245
Fastidious Anaerobe Agar w/ horse blood Medium for isolation and susceptibility testing of anaerobes.	✓	RUO	90 mm	20/pack	10062
Schaedler K Agar (Sheep Blood 5%) for antimicrobial susceptibility testing of anaerobic bacteria.	✓	RUO	90 mm	20/pack	11065
Haemophilus Test Agar for <i>Haemophilus</i> spp. susceptibility testing.	✓	RUO	90 mm	20/pack	10080
Middlebrook 7H11 Agar for antimicrobial susceptibility testing of mycobacteria.	✓	RUO	90 mm	20/pack	10416
RPMI Agar (2% glucose + MOPS) for antifungal susceptibility testing.	✓	RUO	90 mm 140 mm	20/pack 10/pack	11509 10233

MTS Synergy Application System (International Patent)

Description	Packaging	Ref.
MTS Synergy Applicator Platform	1 unit	96860
MTS Synergy Delivery Tool	10 disposable applicators	96870



Contact your local dealer or Liofilchem headquarters for MTS™ availability.

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