

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

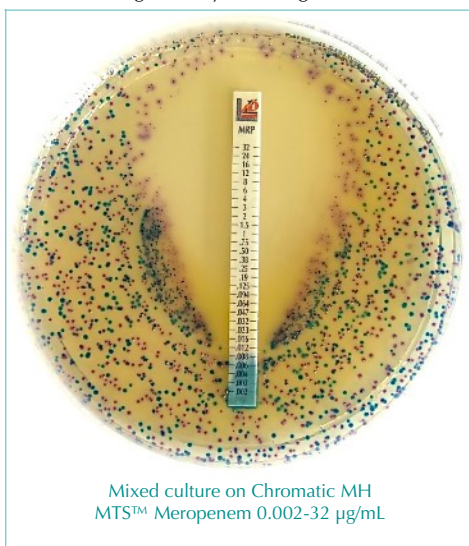
MTS™ is a quantitative assay for determining the Minimum Inhibitory Concentration (M.I.C.) of antimicrobial agents against microorganisms and for detecting the resistance mechanisms.

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.

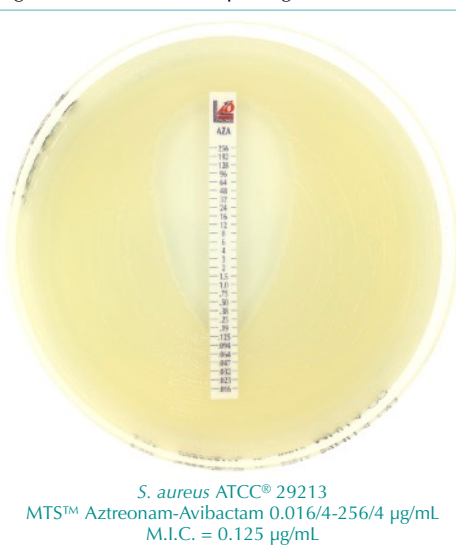
On one side of the strip is indicated a M.I.C. scale in µg/mL and a code that identify the antimicrobial agent.

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 µg/mL



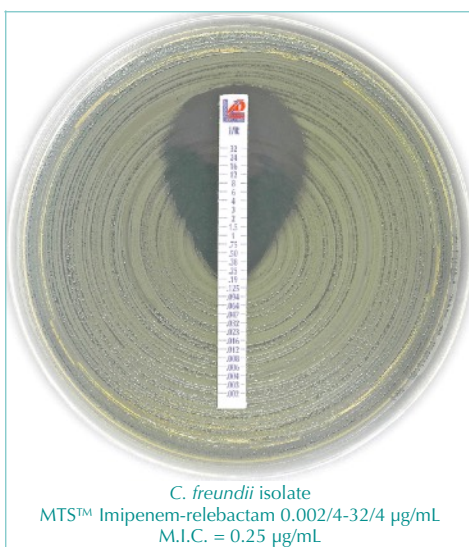
S. aureus ATCC® 29213
MTS™ Aztreonam-Avibactam 0.016/4-256/4 µg/mL
M.I.C. = 0.125 µg/mL

method principle

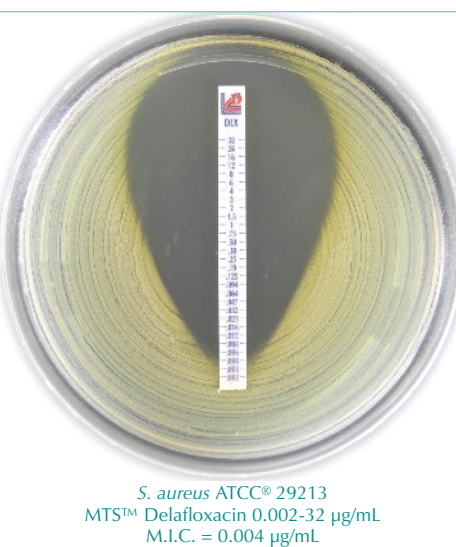
When the **MTS™** is applied onto an inoculated agar surface, the preformed exponential gradient of antimicrobial agent is transferred to the agar matrix.

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 µg/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 µg/mL
M.I.C. = 0.25 µg/mL



S. aureus ATCC® 29213
MTS™ Delafloxacin 0.002-32 µg/mL
M.I.C. = 0.004 µg/mL

Bibliography

- CLSI M100-Ed35, 2025. 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. 15.0 (2025).

MTS™ for ANTIMICROBIAL susceptibility testing							
Description		µg/mL	Code	CE IVD	US FDA¹	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	✓	✓	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	10/pack 30/pack 100/pack	920981 92098 920980
MTS™	Cefepime-Zidebactam (1/1)	0.016 - 256	FPZ	RUO	RUO	10/pack 30/pack 100/pack	920821 92082 920820
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

Description		µg/mL	Code	CE IVD	US FDA¹	Packaging	Ref.
MTS™	Ceftazidime-Avibactam	0.016/4 - 256/4	CZA	✓	✓	10/pack	921391
						30/pack	92139
						100/pack	921390
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	✓	✓	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 Ca²⁺	0.016 - 256	DAP	✓	RUO	10/pack	921451
						30/pack	92145
						100/pack	921450
MTS™	Delafloxacin	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™ for ANTIMICROBIAL susceptibility testing							
Description		µg/mL	Code	CE IVD	US FDA¹	Packaging	Ref.
MTS™	Fusidic Acid	0.016 - 256	FU	✓	RUO	10/pack 30/pack 100/pack	920021 92002 920020
MTS™	Gatifloxacin	0.002 - 32	GAT	✓	RUO	10/pack 30/pack 100/pack	920111 92011 920110
MTS™	Gemifloxacin	0.002 - 32	GEM	✓	RUO	10/pack 30/pack 100/pack	920351 92035 920350
MTS™	Gentamicin	0.016 - 256	CN	✓	✓	10/pack 30/pack 100/pack	920091 92009 920090
MTS™	Gentamicin	0.064 - 1024	CN	✓	RUO	10/pack 30/pack 100/pack	920101 92010 920100
MTS™	Imipenem	0.002 - 32	IMI	✓	RUO	10/pack 30/pack 100/pack	920541 92054 920540
MTS™	Imipenem	0.016 - 256	IMI	✓	✓	10/pack 30/pack 100/pack	920681 92068 920680
MTS™	Imipenem-Relebactam	0.002/4 - 32/4	I/R	✓	✓	10/pack 30/pack 100/pack	920761 92076 920760
MTS™	Kanamycin	0.016 - 256	K	✓	RUO	10/pack 30/pack 100/pack	920341 92034 920340
MTS™	Lefamulin	0.016 - 256	LMU	✓	✓	10/pack 30/pack 100/pack	920641 92064 920640
MTS™	Levofloxacin	0.002 - 32	LEV	✓	✓	10/pack 30/pack 100/pack	920811 92081 920810
MTS™	Levonadifloxacin	0.002 - 32	LND	RUO	RUO	10/pack 30/pack 100/pack	920861 92086 920860
MTS™	Linezolid	0.016 - 256	LNZ	✓	✓	10/pack 30/pack 100/pack	921351 92135 921350
MTS™	Marbofloxacin	0.002 - 32	MAR	vet	vet	10/pack 30/pack 100/pack	920621 92062 920620
MTS™	Mecillinam	0.016 - 256	MEC	✓	RUO	10/pack 30/pack 100/pack	920171 92017 920170
MTS™	Meropenem	0.002 - 32	MRP	✓	✓	10/pack 30/pack 100/pack	920841 92084 920840
MTS™	Meropenem	0.016 - 256	MRP	✓	RUO	10/pack 30/pack 100/pack	920851 92085 920850
MTS™	Meropenem-Vaborbactam	0.016/8 - 256/8	M/V	✓	✓	10/pack 30/pack 100/pack	920741 92074 920740
MTS™	Metronidazole	0.016 - 256	MTZ	✓	RUO	10/pack 30/pack 100/pack	920871 92087 920870
MTS™	Moxifloxacin	0.002 - 32	MXF	✓	RUO	10/pack 30/pack 100/pack	920901 92090 920900
MTS™	Mupirocin	0.064 - 1024	MUP	✓	RUO	10/pack 30/pack 100/pack	920381 92038 920380
MTS™	Minocycline	0.016 - 256	MN	✓	RUO	10/pack 30/pack 100/pack	920321 92032 920320
MTS™	Nafithromycin	0.002 - 32	ZWK	RUO	RUO	10/pack 30/pack 100/pack	920881 92088 920880
MTS™	Nalidixic Acid	0.016 - 256	NA	✓	RUO	10/pack 30/pack 100/pack	921321 92132 921320
MTS™	Netilmicin	0.016 - 256	NET	✓	RUO	10/pack 30/pack 100/pack	920931 92093 920930
MTS™	Norfloxacin	0.016 - 256	NOR	✓	RUO	10/pack 30/pack 100/pack	920961 92096 920960
MTS™	Nitrofurantoin	0.032 - 512	F	✓	RUO	10/pack 30/pack 100/pack	920221 92022 920220
MTS™	Ofloxacin	0.002 - 32	OFX	✓	RUO	10/pack 30/pack 100/pack	920991 92099 920990
MTS™	Omadacycline	0.002 - 32	OMC	✓	✓	10/pack 30/pack 100/pack	920711 92071 920710
MTS™	Oxacillin	0.016 - 256	OX	✓	RUO	10/pack 30/pack 100/pack	920151 92015 920150

MTS™ for ANTIMICROBIAL susceptibility testing

Description		µg/mL	Code	CE IVD	US FDA¹	Packaging	Ref.
MTS™	Paromomycin	0.064 - 1024	PAR	RUO	RUO	10/pack 30/pack 100/pack	920731 92073 920730
MTS™	Pefloxacin	0.016 - 256	PEF	✓	RUO	10/pack 30/pack 100/pack	920411 92041 920410
MTS™	Penicillin G	0.002 - 32	P	✓	✓	10/pack 30/pack 100/pack	921031 92103 921030
MTS™	Penicillin G	0.016 - 256	P	✓	RUO	10/pack 30/pack 100/pack	921021 92102 921020
MTS™	Piperacillin	0.016 - 256	PIP	✓	RUO	10/pack 30/pack 100/pack	921051 92105 921050
MTS™	Piperacillin-Tazobactam for Enterobacterales, <i>Pseudomonas</i> , <i>Acinetobacter</i>	0.016/4 - 256/4	TZP	✓	✓	10/pack 30/pack 100/pack	921081 92108 921080
MTS™	Piperacillin-Tazobactam for <i>Haemophilus</i> , Anaerobes	0.064/4 - 1024/4	TZP	RUO	RUO	10/pack 30/pack 100/pack	921131 92113 921130
MTS™	Plazomicin	0.016 - 256	PLZ	✓	✓	10/pack 30/pack 100/pack	920701 92070 920700
MTS™	Polymyxin B	0.064 - 1024	PB	✓	RUO	10/pack 30/pack 100/pack	920041 92004 920040
MTS™	Quinupristin-Dalfopristin	0.002 - 32	QDA	✓	RUO	10/pack 30/pack 100/pack	920261 92026 920260
MTS™	Rifampicin	0.002 - 32	RD	✓	RUO	10/pack 30/pack 100/pack	920011 92001 920010
MTS™	Rifampicin	0.016 - 256	RD	✓	RUO	10/pack 30/pack 100/pack	920251 92025 920250
MTS™	Spectinomycin	0.064 - 1024	SPC	✓	RUO	10/pack 30/pack 100/pack	920141 92014 920140
MTS™	Spiramycin	0.002 - 32	SP	✓	RUO	10/pack 30/pack 100/pack	920461 92046 920460
MTS™	Streptomycin	0.016 - 256	S	✓	RUO	10/pack 30/pack 100/pack	921121 92112 921120
MTS™	Streptomycin	0.064 - 1024	S	✓	RUO	10/pack 30/pack 100/pack	921111 92111 921110
MTS™	Sulbactam	0.016 - 256	SUL	✓	RUO	10/pack 30/pack 100/pack	920281 92028 920280
MTS™	Sulbactam-Durlobactam	0.004/4-64/4	SUD	RUO	✓	10/pack 30/pack 100/pack	921061 92106 921060
MTS™	Sulfamethoxazole	0.064 - 1024	SMX	✓	RUO	10/pack 30/pack 100/pack	920311 92031 920310
MTS™	Tedizolid	0.002 - 32	TZD	✓	✓	10/pack 30/pack 100/pack	921361 92136 921360
MTS™	Teicoplanin	0.016 - 256	TEC	✓	RUO	10/pack 30/pack 100/pack	920121 92012 920120
MTS™	Telavancin	0.002 - 32	TLV	✓	RUO	10/pack 30/pack 100/pack	920521 92052 920520
MTS™	Telavancin	0.016 - 256	TLV	✓	✓	10/pack 30/pack 100/pack	920531 92053 920530
MTS™	Temocillin	0.064 - 1024	TMO	✓	RUO	10/pack 30/pack 100/pack	920291 92029 920290
MTS™	Tetracycline	0.016 - 256	TE	✓	✓	10/pack 30/pack 100/pack	921141 92114 921140
MTS™	Tiamulin	0.002 - 32	TIA	vet	vet	10/pack 30/pack 100/pack	922001 92200 922000
MTS™	Ticarcillin	0.016 - 256	TC	✓	RUO	10/pack 30/pack 100/pack	921831 92183 921830
MTS™	Ticarcillin-Clavulanic Acid	0.016/2 - 256/2	TTC	✓	RUO	10/pack 30/pack 100/pack	921171 92117 921170
MTS™	Tigecycline	0.016 - 256	TGC	✓	RUO	10/pack 30/pack 100/pack	921441 92144 921440
MTS™	Tilmicosin	0.002 - 32	TIL	vet	vet	10/pack 30/pack 100/pack	922011 92201 922010

MTS™ for ANTIMICROBIAL susceptibility testing							
Description		µg/mL	Code	CE IVD	US FDA ¹	Packaging	Ref.
MTS™ Tobramycin		0.016 - 256	TOB	✓	RUO	10/pack 30/pack 100/pack	921211 92121 921210
MTS™ Tobramycin		0.064 - 1024	TOB	✓	RUO	10/pack 30/pack 100/pack	921201 92120 921200
MTS™ Trimethoprim		0.002 - 32	TM	✓	RUO	10/pack 30/pack 100/pack	920371 92037 920370
MTS™ Trimethoprim*-Sulfamethoxazole (1/19)		0.002 - 32*	SXT	✓	RUO	10/pack 30/pack 100/pack	921231 92123 921230
MTS™ Vancomycin		0.016 - 256	VA	✓	✓	10/pack 30/pack 100/pack	920571 92057 920570

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 30/pack 100/pack	921701 92170 921700
MTS™ Ethionamide		0.016 - 256	ET	✓	RUO	10/pack 30/pack 100/pack	921721 92172 921720
MTS™ Isoniazide		0.016 - 256	IZ	✓	RUO	10/pack 30/pack 100/pack	921711 92171 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 30/pack 100/pack	921531 92153 921530
MTS™ Anidulafungin		0.002 - 32	AND	✓	RUO	10/pack 30/pack 100/pack	921551 92155 921550
MTS™ Caspofungin		0.002 - 32	CAS	✓	RUO	10/pack 30/pack 100/pack	921541 92154 921540
MTS™ Fluconazole		0.016 - 256	FLU	✓	RUO	10/pack 30/pack 100/pack	921471 92147 921470
MTS™ Flucytosine		0.002 - 32	FC	✓	RUO	10/pack 30/pack 100/pack	921491 92149 921490
MTS™ Isavuconazole		0.002 - 32	IVU	✓	RUO	10/pack 30/pack 100/pack	921841 92184 921840
MTS™ Itraconazole		0.002 - 32	ITC	✓	RUO	10/pack 30/pack 100/pack	921481 92148 921480
MTS™ Ketoconazole		0.002 - 32	KE	✓	RUO	10/pack 30/pack 100/pack	921511 92151 921510
MTS™ Micafungin		0.002 - 32	MYC	✓	RUO	10/pack 30/pack 100/pack	921821 92182 921820
MTS™ Posaconazole		0.002 - 32	POS	✓	RUO	10/pack 30/pack 100/pack	921521 92152 921520
MTS™ Rezafungin		0.002 - 32	RZF	RUO	RUO	10/pack 30/pack 100/pack	920911 92091 920910
MTS™ Voriconazole		0.002 - 32	VO	✓	RUO	10/pack 30/pack 100/pack	921501 92150 921500

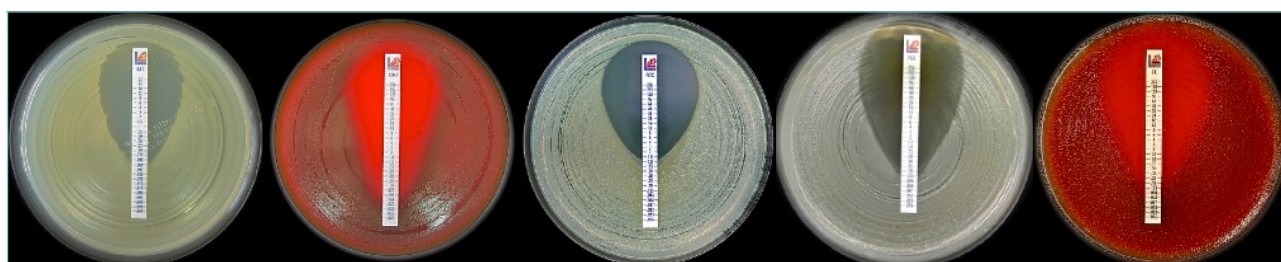
¹ **United States FDA**: check the package insert to determine the clearance for testing an agent against a particular isolate.

MTS™ Synergy Application System (International Patent)			
Description		Packaging	Ref.
MTS Synergy Applicator Platform		1 unit	96860
MTS Synergy Delivery Tool		10 disposable applicators	96870

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 30/pack 100/pack	921611 92161 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 30/pack 100/pack	921601 92160 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 30/pack 100/pack	921591 92159 921590
MTS™ Imipenem / Imipenem + EDTA for detection of Metallo Beta-Lactamase (MBL)	4-256 / 1-64	IMI/IMD	✓	RUO	10/pack 30/pack 100/pack	921621 92162 921620
MTS™ Imipenem / Imipenem + EDTA for detection of Metallo Beta-Lactamase (MBL)	0.125-8 / 0.032-2	IMI/IMD	✓	RUO	10/pack 30/pack 100/pack	921661 92166 921660
MTS™ Meropenem / Meropenem + EDTA for detection of Metallo Beta-Lactamase (MBL)	0.125-8 / 0.032-2	MRP/MRD	✓	RUO	10/pack 30/pack 100/pack	921651 92165 921650
MTS™ Meropenem / Meropenem + Phenylboronic Acid for KPC detection	0.125-8 / 0.032-2	MRP/MBO	✓	RUO	10/pack 30/pack 100/pack	921671 92167 921670
MTS™ Ertapenem / Ertapenem + Phenylboronic Acid for KPC detection	0.125-8 / 0.032-2	ETP/EBO	✓	RUO	10/pack 30/pack 100/pack	921681 92168 921680
MTS™ Cefotetan / Cefotetan+Cloxacillin for AmpC detection	0.5-32 / 0.5-32	CTT/CXT	✓	RUO	10/pack 30/pack 100/pack	921641 92164 921640
MTS™ Ertapenem / Ertapenem + Cloxacillin for AmpC detection	0.125-8 / 0.032-2	ETP/ECX	✓	RUO	10/pack 30/pack 100/pack	921691 92169 921690
MTS™ Vancomycin / Teicoplanin for detection of Glycopeptide Resistance (GRD)	0.5-32 / 0.5-32	VA/TEC	✓	RUO	10/pack 30/pack 100/pack	921631 92163 921630

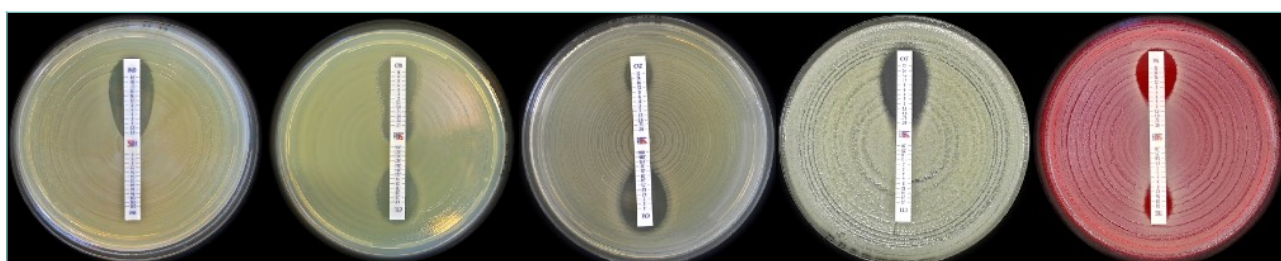
¹ United States FDA: check the package insert to determine the clearance for testing an agent against a particular isolate.



E. coli ATCC® 25922 MTS™ SXT 0.002-32 µg/mL M.I.C. = 0.094 µg/mL
S. pneumoniae ATCC® 49619 MTS™ CRO 0.016-256 µg/mL M.I.C. = 0.064 µg/mL
S. aureus ATCC® 29213 MTS™ FOX 0.016-256 µg/mL M.I.C. = 1.5 µg/mL
S. aureus ATCC® 29213 MTS™ TGC 0.016-256 µg/mL M.I.C. = 0.19 µg/mL
S. pneumoniae ATCC® 49619 MTS™ TE 0.016-256 µg/mL M.I.C. = 0.125 µg/mL



C. krusei ATCC® 6258 MTS™ POS 0.002-32 µg/mL M.I.C. = 0.094 µg/mL
S. aureus ATCC® 29213 MTS™ FU 0.016-256 µg/mL M.I.C. = 0.50 µg/mL
C. krusei MTS™ VO 0.002-32 µg/mL M.I.C. = 0.25 µg/mL
P. aeruginosa ATCC® 27853 MTS™ TZP 0.016-256 µg/mL M.I.C. = 8 µg/mL
K. pneumoniae MTS™ ETP/EBO KPC+



S. maltophilia ATCC® 13636 MTS™ IMI/IMD 4-256/1-64 µg/mL MBL+
E. coli DSM 22311 MTS™ CTX/CTL 0.25-16/0.016-1 µg/mL ESBL+
E. coli MTS™ CAZ/CAL 0.5-32/0.064-4 µg/mL ESBL+
K. pneumoniae ATCC® BAA-1144 MTS™ CTT/CXT AmpC+
Staphylococcus aureus MTS™ Vancomycin / Teicoplanin GRD+

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

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Liofilchem®

Via Scozia, 64026 Roseto degli Abruzzi (TE) Italy
www.lioifilchem.com

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