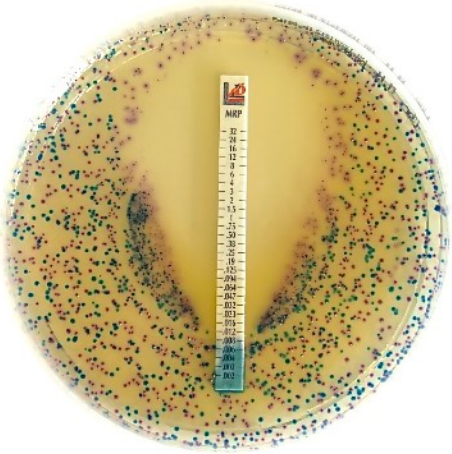
MTS™

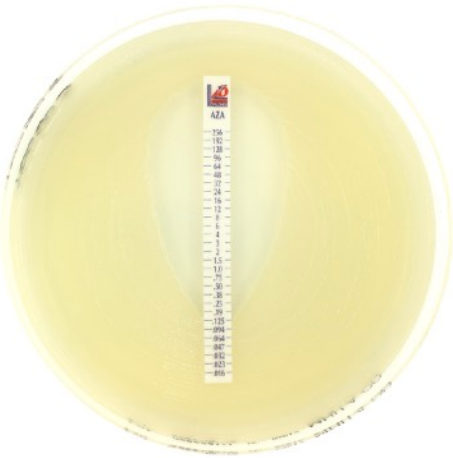
MIC Test Strip for antimicrobial susceptibility
and resistance testing

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.



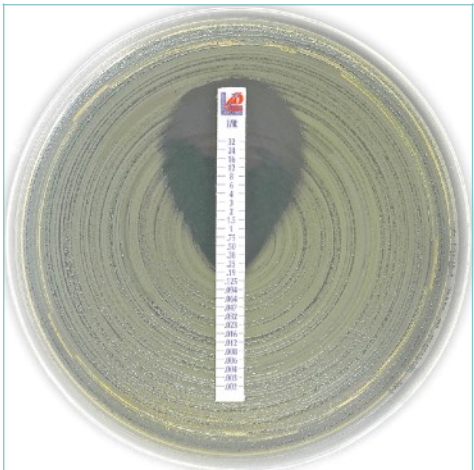
Mixed culture on Chromatic MH
MTS™ Meropenem 0.002-32 µg/mL



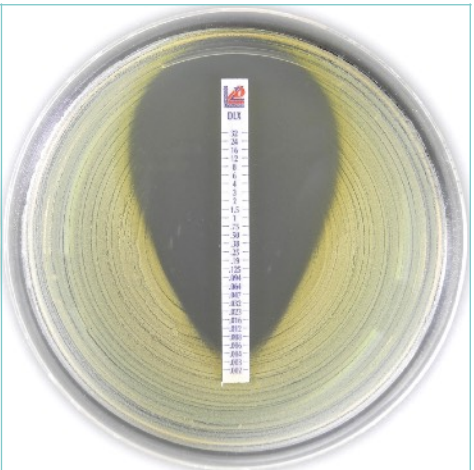
S. aureus ATCC® 29213
MTS™ Aztreonam-Avibactam 0.016/4-256/4 µg/mL
M.I.C. = 0.125 µg/mL

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-Ed36, 2026. 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. 16.0 (2026).

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)** *CLSI recommended*	0.016 - 256*	AUG	✓	RUO	10/pack 30/pack 100/pack	920241 92024 920240
MTS™	**Amoxicillin-Clavulanic Acid** *EUCAST recommended*	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)** *CLSI recommended*	0.016 - 256*	AMS	✓	✓	10/pack 30/pack 100/pack	920271 92027 920270
MTS™	**Ampicillin-Sulbactam** *EUCAST recommended*	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-Taniborbactam**	0.016/4-256/4	FTB	RUO	RUO	10/pack 30/pack 100/pack	920651 92065 920650
MTS™	**Cefepime-Tazobactam**	0.016/8-256/8	FPT	RUO	RUO	10/pack 30/pack 100/pack	920691 92069 920690
MTS™	**Cefepime-Zidebactam (1/1)**	0.016 - 256	FPZ	RUO	RUO	10/pack 30/pack 100/pack	920821 92082 920820
MTS™	**Cefiderocol** for *Pseudomonas aeruginosa*	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™ for **ANTIMICROBIAL** susceptibility testing

Description		µg/mL	Code	CE IVD	US FDA[1]	Packaging	Ref.
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™	**Ceftibuten**	0.002 - 32	CTB	✓	RUO	10/pack 30/pack 100/pack	920581 92058 920580
MTS™	**Ceftizoxime**	0.016 - 256	CZX	✓	RUO	10/pack 30/pack 100/pack	920161 92016 920160
MTS™	**Ceftizoxime**	0.002 - 32	CZX	RUO	RUO	10/pack 30/pack 100/pack	920591 92059 920590
MTS™	**Ceftobiprole**	0.002 - 32	BPR	✓	✓	10/pack 30/pack 100/pack	921401 92140 921400
MTS™	**Ceftolozane-Tazobactam**	0.016/4 - 256/4	C/T	✓	✓	10/pack 30/pack 100/pack	921461 92146 921460
MTS™	**Ceftriaxone**	0.016 - 256	CRO	✓	RUO	10/pack 30/pack 100/pack	920421 92042 920420
MTS™	**Ceftriaxone**	0.002 - 32	CRO	✓	RUO	10/pack 30/pack 100/pack	920431 92043 920430
MTS™	**Cefuroxime**	0.016 - 256	CXM	✓	RUO	10/pack 30/pack 100/pack	921291 92129 921290
MTS™	**Cephalothin**	0.016 - 256	KF	✓	RUO	10/pack 30/pack 100/pack	920391 92039 920390
MTS™	**Chloramphenicol**	0.016 - 256	C	✓	RUO	10/pack 30/pack 100/pack	920751 92075 920750
MTS™	**Ciprofloxacin**	0.002 - 32	CIP	✓	✓	10/pack 30/pack 100/pack	920451 92045 920450
MTS™	**Clarithromycin**	0.016 - 256	CLR	✓	RUO	10/pack 30/pack 100/pack	920481 92048 920480
MTS™	**Clindamycin**	0.016 - 256	CD	✓	✓	10/pack 30/pack 100/pack	920721 92072 920720
MTS™	**Cloxacillin**	0.016 - 256	CX	✓	RUO	10/pack 30/pack 100/pack	920441 92044 920440
MTS™	**Colistin**	0.016 - 256	CS	RUO	RUO	10/pack 30/pack 100/pack	921411 92141 921410
MTS™	**Colistin**	0.064 - 1024	CS	RUO	RUO	10/pack 30/pack 100/pack	921421 92142 921420
MTS™	**Dalbavancin**	0.002 - 32	DAL	✓	✓	10/pack 30/pack 100/pack	921371 92137 921370
MTS™	**Daptomycin** Includes Ca^{2+}	0.016 - 256	DAP	✓	RUO	10/pack 30/pack 100/pack	921451 92145 921450
MTS™	**Delafloxacin**	0.002 - 32	DLX	✓	✓	10/pack 30/pack 100/pack	920801 92080 920800
MTS™	**Doripenem**	0.002 - 32	DOR	✓	RUO	10/pack 30/pack 100/pack	920401 92040 920400
MTS™	**Doxycycline**	0.016 - 256	DXT	✓	✓	10/pack 30/pack 100/pack	921561 92156 921560
MTS™	**Enrofloxacin**	0.002 - 32	ENR	vet	vet	10/pack 30/pack 100/pack	920131 92013 920130
MTS™	**Eravacycline**	0.002 - 32	ERV	✓	✓	10/pack 30/pack 100/pack	921041 92104 921040
MTS™	**Ertapenem**	0.002 - 32	ETP	✓	RUO	10/pack 30/pack 100/pack	921571 92157 921570
MTS™	**Erythromycin**	0.016 - 256	E	✓	✓	10/pack 30/pack 100/pack	920511 92051 920510
MTS™	**Florfenicol**	0.016 - 256	FFC	vet	vet	10/pack 30/pack 100/pack	920611 92061 920610
MTS™	**Fosfomycin** Includes Glucose-6-Phosphate	0.016 - 256	FOS	✓	RUO	10/pack 30/pack 100/pack	920781 92078 920780

MTS™ for **ANTIMICROBIAL** susceptibility testing

Description		µg/mL	Code	CE IVD	US FDA[1]	Packaging	Ref.
MTS™	**Fosfomycin** Includes Glucose-6-Phosphate	0.064 - 1024	FOS	✓	RUO	10/pack 30/pack 100/pack	920791 92079 920790
MTS™	**Fosmidomycin**	0.016 - 256	FOM	✓	RUO	10/pack 30/pack 100/pack	920501 92050 920500
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™	**Gepotidacin**	0.016 - 256	GEP	✓	✓	10/pack 30/pack 100/pack	920631 92063 920630
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™ for **ANTIMICROBIAL** susceptibility testing

Description		µg/mL	Code	CE IVD	US FDA[1]	Packaging	Ref.
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™	**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, *Pseudomonas, Acinetobacter*	0.016/4 - 256/4	TZP	✓	✓	10/pack 30/pack 100/pack	921081 92108 921080
MTS™	**Piperacillin-Tazobactam** for *Haemophilus*, 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™	**Tebipenem**	0.002 - 32	TBP	RUO	RUO	10/pack 30/pack 100/pack	920921 92092 920920
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™ for **ANTIMICROBIAL** susceptibility testing

Description		µg/mL	Code	CE IVD	US FDA[1]	Packaging	Ref.
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™	**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**	0.001 - 16	RZF	✓	RUO	10/pack 30/pack 100/pack	921181 92118 921180
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.

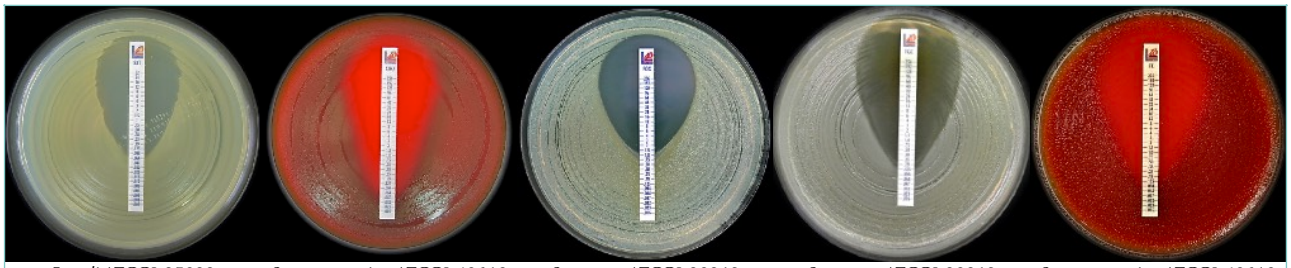
MTS™ **Synergy Application System** (International Patent)

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

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

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

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www.genius.com.al

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PT. Prolabios Mitra Analitika
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www.serosep.com

Italy
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Innomedics Medical Company
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