



# MIC Test Strip Technical Sheet Cidal-Static

## List of bactericidal and bacteriostatic antimicrobial agents

General guideline to interpret the MIC Test Strip endpoints:

Complete inhibition for -cidal agents.

80-90% inhibition for -static agents.

Antimicrobial agents may show both cidal and static actions, depending on the concentration of the agent, count of microorganism and type of organism affected.

Antibiotic Class	Antimicrobial Subclass	Code	Agent	Action
Penicillins	Penicillin	P	Penicillin G	bactericidal
	Aminopenicillin	AML	Amoxicillin	bactericidal
		AMP	Ampicillin	bactericidal
	Ureidopenicillin	PIP	Piperacillin	bactericidal
	Methoxyphenicillin	TMO	Temocillin	bactericidal
	Isoxazolyl penicillin	OX	Oxacillin	bactericidal
	Amidinopenicillin	MEC	Mecillinam	bactericidal
$\beta$ -lactam/ $\beta$ -lactamase inhibitor combinations		AUG	Amoxicillin/Clavulanic acid	bactericidal
		AMS	Ampicillin/Sulbactam	bactericidal
		TZP	Piperacillin/Tazobactam	bactericidal
		TTC	Ticarcillin/Clavulanic acid	bactericidal
		CPS	Cefoperazone/Sulbactam	bactericidal
$\beta$ -lactamase inhibitor	Penicillanic acid sulfone	ATM	Sulbactam	bactericidal
Cephems (parenteral)	Cephalosporin I	KF	Cephalothin	bacteriostatic
	Cephalosporin II	CXM	Cefuroxime	bactericidal
	Cephalosporin III (extended spectrum cephalosporins)	CTX	Cefotaxime	bactericidal
		CZX	Ceftizoxime	bactericidal
		CAZ	Ceftazidime	bactericidal
	Cephalosporin IV (extended spectrum cephalosporins)	CRO	Ceftriaxone	bactericidal
		FEP	Cefepime	bactericidal
	Cephalosporin V	CR	Cefpirome	bactericidal
		BPR	Ceftobiprole	bactericidal
	Cephams	Cephamicin	CTT	Cefotetan
FOX			Cefoxitin	bactericidal
Cephems (oral)	Cephalosporin	CEC	Cefaclor	bactericidal
		CFM	Cefixime	bacteriostatic
		PX	Cefpodoxime	bactericidal
Monobactam		ATM	Aztreonam	bactericidal
Penems	Carbapenems	ETP	Ertapenem	bactericidal
		IMI	Imipenem	bactericidal
		MRP	Meropenem	bactericidal
		DOR	Doripenem	bactericidal

Antibiotic Class	Antimicrobial Subclass	Code	Agent	Action
Aminocyclitols		SPC	Spectinomycin	bactericidal
Aminoglycosides		AK	Amikacin	bactericidal
		CN	Gentamicin	bactericidal
		K	Kanamycin	bactericidal
		NET	Netilmicin	bactericidal
		S	Streptomycin	bactericidal
		TOB	Tobramycin	bactericidal
Ansamycins	Rifamycin B	RD	Rifampicin	bactericidal
Quinolones	Quinolone Fluoroquinolone	NA	Nalidixic acid	bactericidal
		CIP	Ciprofloxacin	bactericidal
		GAT	Gatifloxacin	bactericidal
		GEM	Gemifloxacin	bactericidal
		LEV	Levofloxacin	bactericidal
		MXF	Moxifloxacin	bactericidal
		NOR	Norfloxacin	bactericidal
		OFX	Ofloxacin	bactericidal
		ENR	Enrofloxacin	bactericidal
Folate pathway inhibitors	Diaminopyrimidine	TM	Trimethoprim	bacteriostatic
		SXT	Trimethoprim/ Sulfamethoxazole	bacteriostatic
	Sulphonamide	SMX	Sulfamethoxazole	bacteriostatic
Phosphonic acids		FOS	Fosfomicin	bacteriostatic
Lincosamides		CD	Clindamycin	bacteriostatic
Cyclic peptides	Lipopolypeptide Polymyxin	BA	Bacitracin	bactericidal
		DAP	Daptomycin	bactericidal
		CS	Colistin (polymyxin E)	bactericidal
		PB	Polymyxin B	bactericidal
Macrolides	Azalide Macrolide	AZM	Azithromycin	bacteriostatic
		CLR	Clarithromycin	bacteriostatic
		E	Erythromycin	bacteriostatic
Nitrofurans		F	Nitrofurantoin	bactericidal
Nitroimidazoles		LZ	Metronidazole	bactericidal
Oxazolidinones		LNZ	Linezolid	bacteriostatic
		TZD	Tedizolid	bacteriostatic
Glycopeptides	Glycopeptide Lipoglycopeptide	VA	Vancomycin	bactericidal
		DAL	Dalbavancin	bactericidal
		TEC	Teicoplanin	bactericidal
Phenicols		C	Chloramphenicol	bacteriostatic
Streptogramins		QDA	Quinupristin/Dalfopristin	bacteriostatic
Tetracyclines		DX	Doxycycline	bacteriostatic
		MN	Minocycline	bacteriostatic
		TE	Tetracycline	bacteriostatic
Glycylcyclines		TGC	Tigecycline	bacteriostatic

Antibiotic Class	Antimicrobial Subclass	Code	Agent	Action
Fusidanes		FU	Fusidic acid	bacteriostatic
Pseudomonic acids		MUP	Mupirocin	bacteriostatic

Antifungal Class	Antifungal Subclass	Code	Agent	Action
Polyenes		AMB	Amphotericin B	fungicidal
Azoles	Imidazole Triazole	KE	Ketocoazole	fungistatic
		FLU	Fluconazole	fungistatic
		ITC	Itraconazole	fungistatic
		VO	Voriconazole	fungistatic
		POS	Posaconazole	fungistatic
Echinocandins		CAS	Caspofungin	fungistatic
		AND	Anidulafungin	fungistatic
		MYC	Micafungin	fungistatic
Pyrimidines	Fluorinated pyrimidine	FC	Flucytosine	fungistatic

Antimycobacterial		Code	Agent	Action
		EB	Ethambutol	bactericidal
		ET	Ethionamide	bactericidal
		IZ	Isoniazide	bactericidal

**MIC Test Strip, Patent No. 1395483**

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