

## bioFILM PA™ Antimicrobial Susceptibility System Panel Layout

### Antibiotics

**GM = gentamicin**  
**AK = amikacin**  
**CAZ = ceftazidime**

**CPE = cefepime**  
**T/S = trimethoprim/sulfamethoxazole\***  
**P/T = piperacillin/tazobactam**

**AZT = aztreonam**  
**MER = meropenem**  
**TO = tobramycin**

**CP = ciprofloxacin**  
**CT = colistin**  
**C = chloramphenicol\***

### Panel Layout

GM/AZT 8/16	GM/MER 8/8	AK/AZT 32/16	AK/MER 32/8	TO/AZT 8/16	TO/MER 8/8	T/S/P/T 2:38/64:4	CP/AZT 2/16	CP/P/T 2/64:4	P/T 64:4	TO 8	CAZ 16
GM/AZT 4/8	GM/MER 4/4	AK/AZT 16/8	AK/MER 16/4	TO/AZT 4/8	TO/MER 4/4	T/S/P/T 1:19/32:4	CP/AZT 1/8	CP/P/T 1/32:4	P/T 32:4	TO 4	CAZ 8
GM/CAZ 8/16	GM/CP 8/2	AK/CAZ 32/16	AK/CP 32/2	TO/CAZ 8/16	TO/CP 8/2	T/S/MER 2:38/8	CP/CT 2/4	C/MER 16/8	AZT 16	T/S 2:38	CPE 16
GM/CAZ 4/8	GM/CP 4/1	AK/CAZ 16/8	AK/CP 16/1	TO/CAZ 4/8	TO/CP 4/1	T/S/MER 1:19/4	CP/CT 1/2	C/MER 8/4	AZT 8	T/S 1:19	CPE 8
GM/P/T 8/64:4	GM/T/S 8/2:38	AK/P/T 32/64:4	AK/T/S 32/2:38	TO/P/T 8/64:4	TO/T/S 8/2:38	T/S/AZT 2:38/16	CP/T/S 2/2:38	C/CAZ 16/16	CT 4	C 16	MER 8
GM/P/T 4/32:4	GM/T/S 4/1:19	AK/P/T 16/32:4	AK/T/S 16/1:19	TO/P/T 4/32:4	TO/T/S 4/1:19	T/S/AZT 1:19/8	CP/T/S 1/1:19	C/CAZ 8/8	CT 2	C 8	MER 4
GM/CPE 8/16	GM/CT 8/4	AK/CPE 32/16	AK/CT 32/4	TO/CPE 8/16	TO/CT 8/4	T/S/CAZ 2:38/16	CP/MER 2/8	AK 32	GM 8	CP 2	GC
GM/CPE 4/8	GM/CT 4/2	AK/CPE 16/8	AK/CT 16/2	TO/CPE 4/8	TO/CT 4/2	T/S/CAZ 1:19/8	CP/MER 1/4	AK 16	GM 4	CP 1	SC

GC = growth control

SC = sterility control

All units are expressed in µg/mL. Breakpoint values for antibiotics adopted from the following:

*M100 - S18 Performance Standards for Antimicrobial Susceptibility Testing; Eighteenth Informational Supplement.* Wayne : Clinical and laboratory Standards Institute, 2008.

\* *M100 - S16 Performance Standards for Antimicrobial Susceptibility Testing; Sixteenth Informational Supplement.* Wayne : Clinical and Laboratory Standards Institute, 2006.

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