

MICRO PANEL

DRUG-RESISTANT *PSEUDOMONAS AERUGINOSA* PANEL

The ATCC® Drug-Resistant *Pseudomonas aeruginosa* Panel (ATCC® [MP-23™](#)) comprises seven strains that have been tested against a variety of drug classes, including the penicillins, cephalosporins, carbapenems, quinolones, and aminoglycosides. These strains were collected from the sputum samples of cystic fibrosis patients and demonstrate resistance to as many as 13 antibiotics. The table below provides information for each strain in the panel.

Antibiotic class	Antibiotic	BAA-2108™	BAA-2109™	BAA-2110™	BAA-2111™	BAA-2112™	BAA-2113™	BAA-2114™
Penicillins	Amoxicillin/Clavulanic acid	R	R	NT	R	R	R	R
	Piperacillin/Tazobactam	NT	S	NT	S	S	S	R
	Ampicillin	R	R	R	R	R	R	R
Cephalosporins	Cefalotin	R	R	NT	R	R	R	R
	Cefuroxime	R	R	NT	R	R	R	R
	Cefuroxime Axetil	R	R	NT	R	R	R	R
	Cefotaxime	R	R	R	R	R	R	R
	Cefazolin	NT	R	R	R	R	R	R
	Cefoxitin	R	R	R	R	R	R	R
	Ceftazidime	S	S	S	S	S	I	S
	Ceftriaxone	NT	R	NT	R	R	R	R
	Cefepime	S	S	S	S	S	S	S
Carbapenems	Imipenem	R	S	S	S	S	S	S
Quinolones	Norfloxacin	S	S	NT	S	S	S	S
	Ciprofloxacin	S	S	S	S	S	S	I
	Levofloxacin	I	S	S	S	S	S	I
Aminoglycosides	Amikacin	S	S	S	S	S	S	S
	Gentamicin	I	S	I	S	S	S	S
	Tobramycin	NT	S	S	S	S	S	S
Other	Tigecycline	R	R	R	R	R	R	R
	Nitrofurantoin	R	R	R	R	R	R	R
	Trimethoprim/ Sulfamethoxazole	R	R	R	R	R	R	R

R = Resistant, S = Susceptible, I = Intermediate, NT = Not tested

The data above were generated by ATCC through testing of seed stock using AST-GN22 and AST-GN23 cards with the MIC Interpretation Guidelines from CLSI M100-S18 (2008). ATCC provides these data in good faith, but makes no warranty, express or implied, nor assumes any legal liability or responsibility for any purpose for which the data are used