

Table 8. MIC and zone diameter breakpoints for *Pseudomonas* spp.

Table 8. MIC and zone diameter breakpoints for <i>Pseudomonas</i> spp.								
Antibiotic	MIC breakpoint (mg/L)			Disc content (µg)	Interpretation of zone diameters (mm)			Comment
	R >	I	S ≤		R ≤	I	S ≥	
Aminoglycosides								
Amikacin	16	16	8	30	15	16-18	19	
Gentamicin	4	-	4	10	17	-	18	
Netilmicin	4	-	4	10	13	-	14	
Tobramycin	4	-	4	10	19	-	20	
Penicillins								
Carbenicillin	128	-	128	100	12	-	13	
Piperacillin	16	-	16	75	23	-	24	
Piperacillin/tazobactam	16	8-16	4	75/10	21	22-25	26	
Ticarcillin	16	-	16	75	19	-	20	
Ticarcillin/clavulanate	16	-	16	75/10	19	-	20	
Cephalosporins								
Cefpirome	1	-	1	20	19	20-24	25	
Ceftazidime	8	-	8	30	23	-	24	
Carbapenems								
Doripenem	4	2-4	1	10	24	25-31	32	The detection of resistance mediated by carbapenemases is difficult, particularly if resistance is not fully expressed. For epidemiological or cross infection purposes consideration should be given to testing ceftazidime and carbapenem resistant isolates for the presence of carbapenemases.
Imipenem	8	8	4	10	16	17-22	23	
Meropenem	8	4-8	2	10	15	16-19	20	
Other β-Lactams								
Aztreonam	16	2-16	1	30	19	20-35	36	Relates only to isolates from patients with cystic fibrosis given high dosage

Table 8. MIC and zone diameter breakpoints for <i>Pseudomonas</i> spp.								
Antibiotic	MIC breakpoint (mg/L)			Disc content (µg)	Interpretation of zone diameters (mm)			Comment
	R >	I	S ≤		R ≤	I	S ≥	
								therapy to treat <i>P. aeruginosa</i> infection.
Quinolones								
Ciprofloxacin	1	1	0.5	1	12	13-22	23	
Ciprofloxacin	1	1	0.5	5	19	20-29	30	
Gatifloxacin	1	-	1	2	19	-	20	
Gemifloxacin	0.25	-	0.25	5	19	-	20	
Levofloxacin	2	2	1	5	16	17-21	22	No EUCAST MIC BP as there is insufficient clinical evidence. EUCAST non-species specific MIC breakpoint and BSAC data used.
Moxifloxacin	1	1	0.5	5	24	25-30	31	No EUCAST MIC BP as there is insufficient clinical evidence. EUCAST non-species specific MIC breakpoint and BSAC data used.
Miscellaneous antibiotics								
Colistin	2	-	2	25	13	-	14	The MIC breakpoint has changed but a review of the data indicates that no adjustment of the zone diameter breakpoints is necessary.