

Selected Gram Negative Organisms
(% Susceptible)

Organism (% susceptible)	Maximum # of isolates tested		Amikacin		Ampicillin		Amp/ sulbact		Aztreonam		Cefazolin		Cefepime		Cefotetan		Ceftazidime		Ceftriaxone		Ciprofloxacin		Ertapenem		Gentamicin		Imipenem		Levofloxacin		Meropenem		Nitrofurantoin ^b		Pip/ tazo		Tetracycline		Ticar/ clav		Tobramycin		Trimeth/ sulfa		
	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U	H	U			
<i>Acinetobacter spp.</i> ^c	355	41	76	78			72	75					36	44			36	51			24	33			52	63	71	78		34	68	61			31	18	^f	^f	52	45	74	78			
<i>Citrobacter freundii complex</i> ^a	57	85		100	11		61		76	76	26	1	100	100	69		72	73	72	75		83	100		91	90	100	100	88	85		100	93	85	81		79				96	75	70		
<i>Enterobacter aerogenes</i> ^a	88	66		100	6		66		87	77	35	2	95	100	84	8	87	75	85	75		95	100		99	98	99	100	92	95		100	65	15	84	78	88				98	88	97		
<i>Enterobacter cloacae</i> ^a	311	221		99	4		49		90	73	7	2	99	98	71	19	91	73	83	72		92	100		95	94	100	100	96	92		100	78	26	90	84	88				91	78	88		
<i>Escherichia coli</i>	1818	1703		100	46	49	77	58	93	95	88	85	98	96	94	99	93	94	96	95		72	100		91	88	100	100	75	72		100	98	92	96	97	70				89	68	68		
<i>Klebsiella oxytoca</i>	139	188		100	2	1	86	77	92	91	81	68	99	98	98	100	98	98	96	96		98	98		99	98	100	100	96	98		100	95	74	94	89	91			98	91	94			
<i>Klebsiella pneumoniae</i>	518	579		100	2	1	82	81	96	92	93	89	97	92	96	99	95	92	96	92		81	99		97	94	99	100	88	84		100	58	19	90	93	80				91	82	77		
<i>Morganella morganii</i> ^a	63	47		100	3	0	30	11	100	93	3	0	100	100	100	98	100	82	100	96		64	100		84	79	100		75	77		100	3	0	97	89	40				90	58	62		
<i>Proteus mirabilis</i>	286	190		100	66	77	94	92	100	98	92	89	100	98	100	100	100	98	99	97		77	100		86	88	100		79	82		99	0	1	100	99	2				90	63	75		
<i>Pseudomonas aeruginosa</i> (non CF) ^a	671	682	96	92					56				91	83			89	85			65	58			87	85	84	73		51	88	78			89	86			76	69	94	95			
<i>Pseudomonas aeruginosa</i> (CF) ^{a,d,g}		689		37					55				46				71				34				32		59		27		73				68	^g		48		61		52			
<i>Serratia marcescens</i> ^a	127	126		100	2		7		97	100	0	0	99	100	99	100	99	100	91	100		94	100		99	97	100	100	98	99		100	0	0	91	100	29				95	90	96		
<i>Stenotrophomonas maltophilia</i> (non CF)	72	140																											^c	75						^f	^f	30				94	92		
<i>Stenotrophomonas maltophilia</i> (CF) ^{d,g}		70																56												25						^g		53					77		

Haemophilus influenzae: 18% (n=304) at HMC were beta-lactamase positive; 16% (n=83) at UWMC were beta-lactamase positive.

Blank cells = insufficient data or drug was not tested; H = HMC; U = UWMC

^a *Citrobacter freundii*, *Enterobacter spp.*, *Hafnia alvei*, *Morganella spp.*, *Providencia spp.*, *P. aeruginosa* and *Serratia spp.* have inducible beta-lactamase. Resistance to beta-lactams could arise on therapy.

^b Indicated in urinary tract infection only

^c Moxifloxacin, a more active quinolone for *S. maltophilia*, was tested at HMC with 92% of *S. maltophilia* isolates susceptible

^d Chloramphenicol was tested at UWMC with 7% of CF *P. aeruginosa* isolates and 30% of CF *S. maltophilia* isolates susceptible.

^e Tigecycline was tested on *Acinetobacter spp.* at HMC with 99% of isolates susceptible or intermediate and at UWMC with 93% of isolates susceptible or intermediate.

^f Minocycline, a more active tetracycline, was tested at HMC with 84% of *Acinetobacter spp.* and 100% of *S. maltophilia* isolates susceptible and at UWMC with 67% of *Acinetobacter spp.* and 100% of *S. maltophilia* isolates susceptible.

^g Minocycline, a more active tetracycline, was tested at UWMC with 40% of CF *P. aeruginosa* isolates and 97% of CF *S. maltophilia* isolates susceptible.