

NorthShore University HealthSystem

Annual Antibiogram 2013

GRAM-NEGATIVE BACTERIA

(Numbers Represent Percent Susceptible)

ORGANISM \ ANTIMICROBIAL	# tested	Ampicillin	Amp/Sulbactam	Amox/clavulanate	Pip/tazobactam	Cefazolin	Cefpodoxime	Ceftazidime	Ceftriaxone	Ticar/clavulanate	Aztreonam	Ertapenem	Meropenem	Gentamicin	Tobramycin	Amikacin	TMP/SMX	Levofloxacin	Ciprofloxacin	Nitrofurantoin	Minocycline
<i>Acinetobacter baumannii</i>	51	IR	85	IR	72	IR	ND	80	NR	ND	IR	IR	76	79	84	78	71	76	76	NR	91
<i>Acinetobacter lwoffii</i>	10	ND	80	ND	80	ND	ND	90	NR	ND	ND	IR	100	100	100	100	90	88	90	NR	100
<i>Aeromonas caviae</i> complex	10	NR	NR	ND	100	NR	ND	100	100	ND	ND	100	ND	100	ND	ND	60	ND	100	NR	ND
<i>Aeromonas hydrophila</i> complex	13	IR	NR	ND	84	NR	ND	100	92	ND	ND	ND	ND	100	ND	ND	92	ND	84	NR	ND
<i>Aeromonas veronii</i> complex	11	IR	NR	ND	90	NR	ND	90	90	ND	ND	50	ND	100	ND	ND	90	ND	90	NR	ND
<i>Citrobacter freundii</i> complex	218	IR	IR	IR	80	IR	57	84	85	ND	ND	98	ND	94	ND	ND	84	ND	96	95	ND
<i>C. koseri</i> (formerly <i>C. diversus</i>)	201	IR	7	9	98	89	98	99	99	ND	ND	100	ND	100	ND	ND	96	ND	96	94	ND
<i>Enterobacter aerogenes</i>	173	IR	IR	IR	90	IR	86	90	89	ND	ND	100	100	99	ND	ND	98	ND	98	62	ND
<i>Enterobacter cloacae</i> complex	401	IR	IR	IR	83	IR	66	83	81	ND	ND	97	100	96	ND	ND	87	ND	95	75	ND
<i>Escherichia coli</i>	11398	52	74	86	96	75	91	96	94	ND	ND	99	99	91	ND	ND	74	ND	78	98	ND
<i>Haemophilus influenzae</i>	**	63	100	100	100	NR	100	ND	100	ND	ND	ND	ND	NR	NR	NR	76	100	ND	NR	ND
<i>Klebsiella oxytoca</i>	268	IR	89	94	95	20	95	99	97	ND	ND	100	100	99	ND	ND	94	ND	98	98	ND
<i>Klebsiella pneumoniae</i>	1894	IR	85	94	95	92	96	97	96	ND	ND	97	99	98	ND	ND	85	100	94	69	ND
<i>Moraxella catarrhalis</i>	**	NR	100	100	100	IR	100	ND	100	ND	ND	100	100	NR	NR	NR	99	100	100	NR	99
<i>Morganella morganii</i>	151	IR	26	IR	96	IR	ND	88	90	ND	ND	100	ND	88	ND	ND	62	ND	72	IR	IR
<i>Pasturella multocida</i>	10	ND	ND	100	ND	ND	ND	ND	100	ND	ND	ND	ND	ND	ND	ND	100	100	ND	ND	ND
<i>Proteus mirabilis</i>	1096	82	92	97	99	42	97	97	99	ND	ND	100	ND	94	ND	ND	82	ND	82	IR	IR
<i>Proteus vulgaris</i>	17	IR	77	85	100	IR	100	100	100	ND	ND	100	ND	100	ND	ND	90	ND	100	IR	IR
<i>Providencia stuartii</i>	40	IR	36	IR	87	IR	79	80	85	ND	ND	100	ND	IR	IR	ND	62	ND	30	IR	IR
<i>Pseudomonas aeruginosa</i>	1255	IR	IR	IR	90	IR	IR	91	IR	NR	81	IR	89	ND	90	94	IR	NR	79	IR	IR
<i>Salmonella</i> species	194	93	96	ND	100	NR	ND	98	97	ND	ND	100	ND	NR	NR	NR	99	ND	100	100	ND
<i>Serratia marcescens</i>	122	IR	IR	IR	95	IR	83	99	97	ND	ND	98	100	99	ND	ND	95	ND	95	IR	ND
<i>Shigella</i> species	13	85	92	ND	100	NR	ND	100	100	ND	ND	100	ND	NR	NR	NR	8	ND	85	ND	ND
<i>Stenotrophomonas maltophilia</i>	96	IR	IR	IR	IR	IR	IR	42	IR	38	IR	IR	IR	IR	IR	IR	81	69	ND	ND	97

IR = Intrinsically Resistant. Even though occasional isolates test as susceptible, this antimicrobial should not be used.

ND = No Data. Although this antimicrobial may give a susceptible result, there is no NorthShore data available.

NR = Not recommended. Clinical effectiveness in usual infections is not uniform.

***Haemophilus influenzae* data from Lurie Children's Hospital and published literature. *Moraxella catarrhalis* data is from published literature.