

Antibiogram 7/1/2018 to 6/30/19

Gram Negative rods % Sensitive

	<i>E coli</i> ¹	<i>E. cloacae</i> complex	<i>Kleb</i> <i>pneumoniae</i> ²	<i>Klebsiella</i> <i>oxytoca</i>	<i>P</i> <i>mirabilis</i> ³	<i>P</i> <i>aeruginosa</i>	<i>S.</i> <i>marcescens</i>	<i>Shigella</i> <i>sonneii</i>	<i>Salmonella</i> <i>species</i>	<i>Acinetobacter</i> <i>baumanni</i>	<i>H.</i> <i>influenzae</i> ⁵
# isolates	1663	75	194	81	138	348	71	10	47	42	249
Amikacin	97	100	100	97	100	89	98	*	*	***	X
Amoxicillin/Clav	80	**	92	97	100	**	**	100	90	**	81
Ampicillin	50	**	**	**	86	**	**	89	78	**	48
Ampicillin/Sulbact	56	**	80	73	96	**	**	100	80	97	X
Cefazolin	92	**	93	89	98	**	**	*	*	0	X
Ceftazidime	96	84	92	100	99	93	99	100	93	73	100
Ceftriaxone	95	84	93	100	99	**	96	100	93	25	100
Ciprofloxacin	88	99	94	100	98	87	99	100	100	95	100
ESBL Negative	96	N/A	93	100	X	N/A	N/A	N/A	N/A	N/A	N/A
Gentamicin	91	99	90	97	94	81	91	*	*	89	X
Imipenem	100	99	100	100	***	83	X	X	100	100	X
Levofloxacin	88	99	95	100	98	82	99	X	100	100	X
Meropenem	100	96	100	100	100	96	100	X	100	100	100
Nitrofurantoin ⁴	96	41	31	85	**	**	**	89	95	0	X
Piperacillin/Tazo	97	83	96	97	100	96	***	***	***	82	X
SMX/TRI	74	86	89	86	93	**	X	0	100	0	58
Tobramycin	92	99	89	96	98	92	86	*	*	94	X

X - Place holder/not tested

N/A - Not applicable

* - Aminoglycosides, first- and second-generation cephalosporins, and cephamycins may appear active *in vitro*, but are not effective clinically, should not be reported.

** - Intrinsically resistant

*** Not reported for these organisms on Vitek.

1: Includes *E coli* with Extended Beta Lactamase Spectrum (ESBL)

2: Includes *K. pneumoniae* with Extended Beta Lactamase Spectrum (ESBL)

3: *Proteus mirabilis* can be intermediate or resistant to imipenem due to other mechanisms than carbapenemases; is intrinsically resistant to Polymyxin B, Colistin, and Tetracyclines.

4: For use in Urine only

5: Kirby-Bauer susceptibilities

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Gram Positive % Sensitive	<i>E. faecalis</i>	<i>E. faecium</i>	MRSA	MSSA	<i>S. epidermidis</i>	<i>S. pneumoniae</i>	<i>Strep agalactiae</i> (Group B)
# Isolates	152	4	869	660	212	94	43
Ampicillin	99	100	0	0	2	X	100
Penicillin	99	100	0	0	2	36	100
Oxacillin	**	**	0	100	40	N/A	N/A
Ciprofloxacin	87	67	48	86	76	*	N/A
Levofloxacin	88	67	51	87	76	100	100
Vancomycin	100	100	100	100	100	100	100
Clindamycin	**	**	67	75	62	70	48
Erythromycin	10	0	13	54	28	19	32
Inducible Clindamycin absent (% S)	N/A	N/A	90	82	94	96	92
Cefotaxime	**	**	0***	100***	40***	82	96
Ceftriaxone	**	**	0***	100***	40***	79	100
SMX-TRI	**	**	91	95	65	67	100
Linezolid	100	100	100	100	100	100	N/A
Quinup/Dalfo	**	**	100	100	100	N/A	N/A
Strept Synergy	90	100	N/A	N/A	N/A	N/A	N/A
Gent Synergy	85	100	N/A	N/A	N/A	N/A	N/A

*No CLSI guidelines for susceptibilities

**Intrinsically resistant

*** Deduced based on Oxacillin/Cefoxitin screen

N/A - not applicable

X - place holder; not tested on organism