

DH Inpatient & Outpatient Urine 2023 Data

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Organisms

Per CLSI guidelines, there should be 30 or more isolates to be considered statistically adequate for selecting antibiotics for treatment.

	Number of Isolates	Penicillin	Ampicillin	Ox/Nafcillin	Piperacillin/Tazo	Cefazolin (first)	Ceftazidime (third)	Ceftriaxone (third)	Cefepime (fourth)	Daptomycin	Gentamicin	Tobramycin	Vancomycin	Trimethoprim-sulfa	Ciprofloxacin	Levofloxacin	Nitrofurantoin
GRAM POSITIVES																	
<i>Staphylococcus aureus</i> - ALL ¹	195			84		84		84			96		100	97	85	87	100
- <i>Staphylococcus aureus</i> - MSSA	165			100		100		100			98		100	99	93	95	100
- <i>Staphylococcus aureus</i> - MRSA	30			0		0		0			87		100	87	40	43	100
<i>Enterococcus faecium</i>	78	6	7								88 ¹		47			12	24
<i>Enterococcus faecalis</i>	695	99	100								86 ¹		98			86	99
GRAM NEGATIVES																	
<i>Citrobacter freundii</i> complex	126				86	0	83	82	99		96	98		83		94	90
<i>Citrobacter koseri</i>	68				100	96	100	100	100		100	100		100		100	96
<i>Escherichia coli</i>	6327				98 ²	93	98	95	97		93	94		84		90	98
<i>Klebsiella (prev. Enterobacter) aerogenes</i>	113				83	0	84	81	100		99	99		97		99	21
<i>Enterobacter cloacae</i> complex	234				84	0	81	79	92		98	97		94		99	49
<i>Klebsiella oxytoca</i>	210				94	79	98	83	99		97	97		96		100	91
<i>Klebsiella pneumoniae</i>	1032				96	92	95	94	94		96	96		89		96	37
<i>Morganella morganii</i>	83				95	0	89	93	95		93	95		92		97	0
<i>Proteus mirabilis</i>	392				100 ²	99	99	100	100		97	98		88		90	0
<i>Providencia rettgeri</i>	44				100	100	100	100	100		100	100		84			
<i>Pseudomonas aeruginosa</i>	306				96		93		93			98			89 ³	88	
<i>Serratia marcescens</i>	91					0	97	91	98		100	95		100		100	0

¹ Synergy predicted for therapy with penicillin, ampicillin or vancomycin combined with gentamicin.

² Piperacillin-tazobactam: *P. mirabilis* n=383

³ Ciprofloxacin: *P. aeruginosa* n=270

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