

Altru Health System – 2022 Antibiogram

Gram-positive % susceptible	No. Isolates	Penicillin IV (non-meningitis)	Penicillin IV (meningitis)	Ampicillin	Oxacillin	Piperacillin/tazobactam	Cefotaxime/Ceftriaxone	Erythromycin	TMP/SXT	Clindamycin	Doxycycline/Tetracycline	Vancomycin	Linezolid	Gentamicin 500 (Synergy only)	Nitrofurantoin (Urine only)
E. faecalis	369			100		See Amp						99	99	86	99
E. faecium	37			40								81	98	94	36
S. aureus	613				74	See Ox			97	82	97/94	100	99.9		
MRSA	167								95	81	96/93	100	99.4		
S. epidermidis	226				51	See Ox			NR	63	91/85	100	100		
S. pneumoniae ¹	38	100	71				92 ^a	50 ^b		82	85 ^c /-	100			
β-hemolytic Streptococcus ⁵	27	100					100			94		100			
Streptococcus viridans ⁶	31	88					94			94		100			

NOTE: Data include the 1st isolate of each organism for a given patient

	Sensitivity ≥ 90%
	Sensitivity ≥ 60% - < 90%
	Sensitivity < 60% or Not Recommended (NR)

1. S. pneumoniae: Penicillin (oral) => 69% sensitive
 - a. For cefotaxime/ceftriaxone => meningitis breakpoints
 - b. For erythromycin => non-blood isolates
 - c. Doxycycline for S. pneumoniae => n = 14
2. Cefazolin => E. coli, K. pneumoniae, P. mirabilis breakpoints for uncomplicated UTI only
3. Aztreonam reported on non-urine isolates only => E coli (n=154); E. cloacae (n=63); K oxy (n=57); K pneumo (n=47); P mirab (n=29); Citrobacter sp (n=24)
4. P. aeruginosa => All antibiotics are tested by Kirby-Bauer except cefepime and meropenem which are tested by Etest
5. B-hemolytic Strep => blood culture isolates only
6. Streptococcus viridans => blood culture isolates only
7. Haemophilus gp (H. influenzae & H. parainfluenzae only) => azithromycin 100% susceptible

The 2022 Antibiogram can be found on AltruLink (Physician's => Forms & Tools => Antimicrobial Stewardship => Antibigrams) as well as on the provider dashboard under "AHS Provider Links".

Altru Health System – 2022 Antibiogram

Gram-negative % susceptible	No. Isolates	Ampicillin	Ampicillin/subactam	Piperacillin/tazobactam	Cefazolin ² (Urine only)	Ceftriaxone	Ceftazidime/Cefepime	Ertapenem/Meropenem	Aztreonam ³	Ciprofloxacin	Gentamicin/Tobramycin	TMP/SXT	Nitrofurantoin (Urine only)
E. coli	1948	66	71	97	96	96		99/99	93	85	94/95	86	97
E. cloacae	144			80		NR	-/100	94/100	95	95	100/98	93	44
K. aerogenes	47			87		NR	-/100	100/100	85	93	100/100	97	25
K. oxytoca	123		81	95		94		99/100	98	97	99/99	99	93
K. pneumoniae	344		89	97	98	98		99/100	98	92	99/98	94	43
P. aeruginosa ⁴	196			92			-/90	NR/92	63	86	95/99		
P. mirabilis	166		93	100	100	100		99/100	100	92	95/93	93	NR
Citrobacter gp	106			92		NR	-/100	100	83	94	98/98	97	96
S. marcescens	30					NR		100	100	96	100/90	100	
Haemophilus gp ⁷	47	58	95			100				97		57	

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