

Ephrata Community Hospital Antibigram 2019 - Inpatient

Antibiogram represents organisms isolated from Jan to Dec 2019 and was prepared by members of the Departments of Microbiology and Pharmacy

Name	Gram Negative					Gram Positive			
	Enterobacter cloacae complex	Escherichia coli	Klebsiella pneumoniae	Proteus mirabilis	Pseudomonas aeruginosa	Enterococcus faecalis	Staph aureus, Methicillin RESISTANT	Staph aureus, Methicillin SUSCEPTIBLE	Staph sp. Coag Negative
(%) Susceptibility									
Color Key:									
Green: ≥85%									
Yellow: 70-84%									
Red: <70%									
Based on CLSI recommendations only organisms with at least 30 isolates are reported. Susceptibility for additional organisms can be obtained from the Microbiology Department.									
Isolates	31	663	139	55	66	97	51	135	68
Amikacin	100	100	100	100	96				
Amox/Clav		87	94	100				100	60
Ampicillin		59		87		98			
AMP/SBM		64	88	94				100	55
Aztreonam	79	95	98	100	90				
Cefazolin	5	79	91	87				100	55
Cefepime	87	90	87	92	98			100	60
Cefotaxime	67	94	94	100				100	60
Cefotetan		98	100	100					
Cefoxitin		94	97	98					
Ceftazidime	74	95	94	100	98				
Ceftriaxone	70	94	94	100				100	60
Cefuroxime		90	92	100					
Ciprofloxacin	96	85	96	81	92	77	33	86	73
Clindamycin							77	83	61
Daptomycin						91	100	100	100
Ertapenem	87	100	100	100					
Erythromycin						33	6	61	38
Gentamicin	96	93	97	96	86				
Imipenem	90	100	99	100	90			100	60
Levofloxacin	96	86	98	85	92	84	33	89	75
Linezolid						97	100	100	100
Meropenem	96	100	100	100	93			100	57
Nitrofurantoin	26	98	36			100	100	100	100
Oxacillin								100	55
Penicillin						100			
Pip/Tazo	87	97	97	100	96			100	100
Tetracycline	90	83	89			29	93	95	74
Tobramycin	96	92	95	96	95				
TMP/SMX	93	84	92	85			100	100	82
Vancomycin						100	100	100	100

* Antimicrobial susceptibility testing performed according to the guidelines set forth in: (1) Clinical Laboratory Standards Institute (CLSI). Performance standards for antimicrobial disk susceptibility tests; approved standard-thirteenth addition. M2-A13, Vol. 38, No. 1, January 2018; (2) CLSI. Methods for dilution antimicrobial susceptibility tests for bacteria that grow aerobically; approved standard-eleventh edition. M7-A11, Vol. 38, No. 2, January 2018; and (3) CLSI. Performance Standards for Antimicrobial Susceptibility Testing; Twenty-Ninth Informational Supplement. M100-S29, January 2019.

Ephrata Community Hospital Antibiogram 2019 - Outpatient

Antibiogram represents organisms isolated from Jan to Dec 2019 and was prepared by members of the Departments of Microbiology and Pharmacy

Name	Gram Negative				Gram Positive			
	Escherichia coli	Klebsiella pneumoniae	Proteus mirabilis	Pseudomonas aeruginosa	Enterococcus faecalis	Staph aureus, Methicillin RESISTANT	Staph aureus, Methicillin SUSCEPTIBLE	Staph sp. Coag Negative
(%) Susceptibility Color Key: Green: ≥85% Yellow: 70-84% Red: <70% <p>Based on CLSI recommendations only organisms with at least 30 isolates are reported. Susceptibility for additional organisms can be obtained from the Microbiology Department.</p>								
Isolates	1049	164	73	76	101	57	130	54
Amikacin	100	100	100	100				
Amox/Clav	90	95	97				100	50
Ampicillin	66		82		100			
AMP/SBM	69	89	90				100	53
Aztreonam	96	98	97	92				
Cefazolin	83	92	84				100	53
Cefepime	90	87	89	100			100	50
Cefotaxime	96	97	98				100	50
Cefotetan	99	98	100					
Cefoxitin	96	95	100					
Ceftazidime	96	98	100	98				
Ceftriaxone	96	97	98				100	50
Cefuroxime	93	93	100					
Ciprofloxacin	89	97	86	93	75	31	80	64
Clindamycin						80	78	100
Daptomycin					94	100	100	100
Ertapenem	100	100	100					
Erythromycin					11	11	53	100
Gentamicin	94	98	97	90				
Imipenem	100	100	100	98			100	50
Levofloxacin	90	98	89	92	88	33	84	64
Linezolid					99	100	100	100
Meropenem	100	100	100	100			100	
Nitrofurantoin	99	40			100	100	100	100
Oxacillin							100	53
Penicillin					100			
Pip/Tazo	97	98	100	98			100	100
Tetracycline	82	82			21	98	94	85
Tobramycin	94	98	97	98				
TMP/SMX	83	91	90			98	100	77
Vancomycin					100	100	100	100

* Antimicrobial susceptibility testing performed according to the guidelines set forth in: (1) Clinical Laboratory Standards Institute (CLSI). Performance standards for antimicrobial disk susceptibility tests; approved standard-thirteenth addition. M2-A13, Vol. 38, No. 1, January 2018; (2) CLSI. Methods for dilution antimicrobial susceptibility tests for bacteria that grow aerobically; approved standard-eleventh edition. M7-A11, Vol. 38, No. 2, January 2018; and (3) CLSI. Performance Standards for Antimicrobial Susceptibility Testing; Twenty-Ninth Informational Supplement. M100-S29, January 2019.

Ephrata Community Hospital Antibioqram 2019 - Urine Isolates Only

Antibiogram represents organisms isolated from Jan to Dec 2019 and was prepared by members of the Departments of Microbiology and Pharmacy

(%) Susceptibility Color Key: Green: ≥85% Yellow: 70-84% Red: <70% Based on CLSI recommendations only organisms with at least 30 isolates are reported. Susceptibility for additional organisms can be obtained from the Microbiology Department.	Gram Negative							Gram Positive	
	Citrobacter freundii complex	Enterobacter aerogenes	Enterobacter cloacae complex	Escherichia coli	Klebsiella pneumoniae	Proteus mirabilis	Pseudomonas aeruginosa	Enterococcus faecalis	Staph sp. Coag Negative
Isolates	44	33	38	1723	316	146	82	196	108
Amikacin	100	100	100	100	100	99	98		
Amox/Clav				89	95	98			53
Ampicillin				64		80		98	
AMP/SBM				68	88	91			52
Aztreonam	78	94	71	96	97	97	95		
Cefazolin			4	82	92	84			52
Cefepime	90	93	86	89	87	87	97		53
Cefotaxime	86	93	71	95	95	99			53
Cefotetan				99	99	100			
Cefoxitin				96	95	98			
Ceftazidime	81	90	71	95	96	100	98		
Ceftriaxone	84	90	65	95	96	99			53
Cefuroxime				92	93	100			
Ciprofloxacin	100	100	100	88	96	73	96	76	62
Clindamycin									
Daptomycin								89	100
Ertapenem	97	100	92	100	100	100			
Erythromycin									
Gentamicin	97	100	100	93	97	95	92		
Imipenem	97	63	89	100	99	100	97		53
Levofloxacin	100	100	100	88	97	79	93	85	64
Linezolid								98	100
Meropenem	100	100	100	100	100	100	98		
Nitrofurantoin	100	24	36	98	38			100	100
Oxacillin									52
Penicillin								100	
Pip/Tazo	88	93	78	98	97	100	98		100
Tetracycline	93	90	94	82	86			28	79
Tobramycin	97	100	100	93	97	95	100		
TMP/SMX	93	96	94	83	93	79			77
Vancomycin								100	100

* Antimicrobial susceptibility testing performed according to the guidelines set forth in: (1) Clinical Laboratory Standards Institute (CLSI). Performance standards for antimicrobial disk susceptibility tests; approved standard-thirteenth addition. M2-A13, Vol. 38, No. 1, January 2018; (2) CLSI. Methods for dilution antimicrobial susceptibility tests for bacteria that grow aerobically; approved standard-eleventh edition. M7-A11, Vol. 38, No. 2, January 2018; and (3) CLSI. Performance Standards for Antimicrobial Susceptibility Testing; Twenty-Ninth Informational Supplement. M100-S29, January 2019.