

Chambersburg Hospital Antibioqram 2021 - Inpatient

Antibiogram represents organisms isolated from Jan to Dec 2021 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. Less than 30 isolates tested therefore results must be interpreted with caution for those organisms Susceptibility for additional organisms can be obtained from the Microbiology Department. | Gram Negative | | | | | | | | | Gram Positive | | | | | | | |
|---|------------------------------|------------------------------|------------------|----------------------|--------------------|-----------------------|---------------------|-------------------|------------------------|----------------------|-----------------------|----------------------|--------------|-------------------------------------|---------------------------------------|------------------------------|--|
| | Citrobacter freundii complex | Enterobacter cloacae complex | Escherichia coli | Klebsiella aerogenes | Klebsiella oxytoca | Klebsiella pneumoniae | Morganella morganii | Proteus mirabilis | Pseudomonas aeruginosa | Enterococcus species | Enterococcus faecalis | Enterococcus faecium | Staph aureus | Staph aureus, Methicillin RESISTANT | Staph aureus, Methicillin SUSCEPTIBLE | Staph sp. Coagulase Negative | |
| Isolates | 36 | 62 | 1272 | 37 | 61 | 260 | 26* | 126 | 160 | 286 | 226 | 27* | 540 | 151 | 265 | 119 | |
| Amikacin | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 98 | | | | | | | | |
| Amoxicillin/Clavulanate | | | 86 | | 96 | 91 | | 92 | | | | | | 100 | 49 | | |
| Ampicillin | | | 61 | | | | | 80 | | 92 | 99 | 22 | | | | | |
| Ampicillin/Sulbactam | | | 67 | | 75 | 83 | | 88 | | | | | | 100 | 49 | | |
| Azithromycin | | | | | | | | | | | | | | 66 | 33 | | |
| Aztreonam | 63 | 88 | 94 | 78 | 95 | 92 | 80 | 90 | 88 | | | | | | | | |
| Cefazolin | | | 83 | | 34 | 88 | | 86 | | | | 65 | | 100 | 49 | | |
| Cefepime | 91 | 95 | 94 | 97 | 98 | 93 | 100 | 93 | 92 | | | 65 | | 100 | 49 | | |
| Cefotaxime | 72 | 86 | 94 | 78 | 98 | 93 | 76 | 93 | | | | 65 | | 100 | 49 | | |
| Cefoxitin | | | 91 | | 98 | 86 | 84 | 93 | | | | | | | | | |
| Ceftaroline | | | | | | | | | | | | | 100 | 100 | | | |
| Ceftazidime | 69 | 86 | 94 | 72 | 100 | 93 | 76 | 93 | 93 | | | | | | | | |
| Ceftazidime/Avibactam | 100 | 100 | 100 | 97 | 100 | 100 | 100 | 100 | 99 | | | | | | | | |
| Ceftriaxone | 66 | 81 | 92 | 72 | 95 | 93 | 76 | 93 | | | | 65 | | 100 | 49 | | |
| Cefuroxime | | | 91 | | 90 | 86 | | 93 | | | | | | | | | |
| Ciprofloxacin | 91 | 95 | 82 | 100 | 98 | 88 | 73 | 76 | 90 | 74 | 79 | 18 | 62 | 23 | 84 | 68 | |
| Clindamycin | | | | | | | | | | | | 72 | 61 | 77 | 57 | | |
| Daptomycin | | | | | | | | | | 94 | 98 | 66 | 100 | 100 | 100 | 100 | |
| Ertapenem | 100 | 93 | 100 | 89 | 100 | 98 | 100 | 100 | | | | | | | | | |
| Gentamicin | 88 | 98 | 94 | 100 | 100 | 96 | 88 | 95 | 85 | | | | | | | | |
| Imipenem | 83 | 81 | 100 | 56 | 100 | 96 | 15 | | 90 | | | 65 | | 100 | 49 | | |
| Levofloxacin | 94 | 98 | 85 | 100 | 100 | 93 | 73 | 76 | 87 | 82 | 86 | 29 | 65 | 24 | 90 | 71 | |
| Linezolid | | | | | | | | | | 98 | 98 | 96 | 100 | 100 | 100 | 100 | |
| Meropenem | 100 | 100 | 100 | 97 | 100 | 98 | 100 | 100 | 98 | | | 65 | | 100 | 42 | | |
| Meropenem/Vaborbactam | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | | | | | | | | | |
| Nitrofurantoin | 92 | 35 | 98 | 29 | 97 | 41 | | | | 93 | 99 | 31 | 100 | 100 | 100 | 98 | |
| Oxacillin | | | | | | | | | | | | 65 | | 100 | 49 | | |
| Piperacillin/Tazobactam | 83 | 88 | 93 | 78 | 95 | 91 | 100 | 93 | 96 | | | | | 100 | 100 | | |
| Tetracycline | 77 | 87 | 80 | 97 | 98 | 80 | 65 | | | 23 | 24 | 25 | 91 | 89 | 94 | 84 | |
| Tigecycline | 100 | 98 | 100 | 100 | 100 | 99 | | | | | | | | | | | |
| Tobramycin | 86 | 98 | 94 | 100 | 100 | 94 | 92 | 93 | 98 | | | | | | | | |
| TMP/SMX | 86 | 88 | 84 | 97 | 100 | 88 | 84 | 81 | | | | 98 | 98 | 99 | 74 | | |
| Vancomycin | | | | | | | | | | 93 | 97 | 51 | 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. April 2019; (2) CLSI. Methods for dilution antimicrobial susceptibility tests for bacteria that grow aerobically; approved standard-eleventh edition. M7-A11, Vol. 38, No. 2, April 2019; and (3) CLSI. Performance Standards for Antimicrobial Susceptibility Testing; 31st edition Informational Supplement. M100-S31, March 2021.