Table 3. 1. Antibiograms for Gram-negative Bacteria

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Mikroorganisme | N | ATM | | AMP | | P | | TIC | | KZ | | CN | | CFR | | CXM | | FOX | | CFM | |
| N | %S | n | %S | N | %S | n | %S | N | %S | n | %S | N | %S | N | %S | n | %S | N | %S |
| *E. coli* | 5 | 3 | 33,3% | 5 | 20% | - | - | - | - | 3 | 0% | 5 | 80% | 2 | 0% | 5 | 0% | 2 | 0% | 4 | 0% |
| *P. pneumotropica* | 3 | 3 | 0% | 2 | 50% | 1 | 0% | - | - | 1 | 100% | 2 | 50% | - | - | 1 | 100% | 1 | 100% | 2 | 0% |
| *P. aeruginosa* | 3 | 3 | 33,3% | - | - | - | - | 3 | 0% | - | - | 3 | 66,6% | - | - | - | - | - | - | - | - |
| *Pantoea spp* | 2 | 2 | 0% | 2 | 0% | - | - | - | - | 1 | 0% | 2 | 0% | - | - | 2 | 0% | 2 | 50% | 1 | 0% |
| *Acinetobacter* | 1 | - | - | - | - | - | - | - | - | - | - | 1 | 0% | - | - | - | - | - | - | - | - |
| *C. luteola* | 1 | 1 | 0% | - | - | - | - | 1 | 0% | - | - | 1 | 100% | - | - | - | - | - | - | 1 | 0% |
| *E. cloacae* | 1 | 1 | 0% | 1 | 0% | - | - | - | - | 1 | 0% | 1 | 0% | - | - | 1 | 0% | 1 | 0% | 1 | 0% |
| *K. oxytoca* | 1 | 1 | 0% | 1 | 0% | - | - | - | - | 1 | 0% | 1 | 100% | - | - | 1 | 0% | 1 | 100% | 1 | 0% |
| *K. pneumoniae* | 1 | 1 | 0% | 1 | 0% | - | - | - | - | 1 | 0% | 1 | 0% | - | - | 1 | 0% | 1 | 100% | - | - |
| *P. mirabillis* | 1 | - | - | 1 | 0% | - | - | - | - | - | - | 1 | 100% | 1 | 0% | 1 | 0% | - | - | 1 | 0% |
| *P. rettgeri* | 1 | 1 | 0% | 1 | 0% | - | - | - | - | 1 | 0% | 1 | 100% | - | - | 1 | 100% | 1 | 100% | 1 | 100% |
| *S. odorifera* | 1 | 1 | 0% | 1 | 0% | - | - | - | - | 1 | 0% | 1 | 0% | - | - | 1 | 0% | 1 | 0% | - | - |
| *Y. pseudotuberculosis* | 1 | 1 | 0% | 1 | 100% | - | - | - | - | 1 | 100% | 1 | 100% | - | - | 1 | 100% | 1 | 100% | 1 | 0% |

ATM= *Aztreonam* , AMP= *Ampicillin*, P= *Penicillin*, TIC= *Ticarcillin*, KZ= *Cefazolin*, CN= *Cephalexin*, CFR= *Cefadroxil*, CXM= *Cefuroxime*, FOX= *Cefoxitin*, , CFM= *Cefixime*, N= total isolates, n= tested isolates, %S= antibiotic sensitivity percentage.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Mikroorganisme | N | CTX | | CAZ | | CRO | | IPM | | MEM | | AMC | | SAM | | SXT | | TZP | |
| n | %S | n | %S | N | %S | n | %S | N | %S | N | %S | n | %S | n | %S | n | %S |
| *E. coli* | 5 | 5 | 0% | 5 | 60% | 2 | 50% | 1 | 0% | 4 | 100% | 5 | 40% | 5 | 0% | 5 | 80% | 5 | 80% |
| *P. pneumotropica* | 3 | 3 | 0% | 3 | 0% | 2 | 0% | - | - | 2 | 100% | 1 | 100% | 1 | 100% | 3 | 66,6% | 3 | 33,3% |
| *P. aeruginosa* | 3 | - | - | 3 | 100% | - | - | - | - | - | - | - | - | - | - | - | - | 3 | 100% |
| *Pantoea spp* | 2 | 2 | 0% | 2 | 0% | 2 | 0% | - | - | 2 | 50% | 2 | 50% | 2 | 0% | 2 | 50% | 2 | 50% |
| *Acinetobacter* | 1 | 1 | 0% | 1 | 0% | - | - | - | - | - | - | - | - | 1 | 0% | 1 | 100% | 1 | 0% |
| *C. luteola* | 1 | - | - | 1 | 100% | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 100% |
| *E. cloacae* | 1 | 1 | 0% | 1 | 0% | 1 | 0% | - | - | 1 | 100% | 1 | 0% | - | - | 1 | 0% | 1 | 0% |
| *K. oxytoca* | 1 | - | - | 1 | 0% | 1 | 0% | - | - | 1 | 100% | 1 | 0% | 1 | 0% | 1 | 0% | 1 | 100% |
| *K. pneumoniae* | 1 | 1 | 0% | 1 | 0% | - | - | - | - | - | - | 1 | 0% | 1 | 0% | 1 | 0% | 1 | 100% |
| *Proteus mirabillis* | 1 | 1 | 0% | 1 | 100% | - | - | - | - | 1 | 100% | 1 | 0% | 1 | 0% | 1 | 0% | 1 | 100% |
| *Providencia rettgeri* | 1 | 1 | 0% | 1 | 0% | 1 | 0% | - | - | 1 | 100% | 1 | 0% | 1 | 0% | 1 | 0% | 1 | 0% |
| *S. odorifera* | 1 | 1 | 0% | 1 | 0% | - | - | - | - | - | - | 1 | 0% | 1 | 0% | 1 | 0% | 1 | 0% |
| *Y. pseudotuberculosis* | 1 | 1 | 0% | 1 | 0% | 1 | 100% | - | - | 1 | 100% | 1 | 100% | 1 | 100% | 1 | 100% | 1 | 100% |

CTX= *Cefotaxime*, CAZ= *Ceftazidime*, CRO= *Ceftriaxone*, IMP= *Imipenem*, MEM= *Meropenem*, AMC= *Amoxicillin-clavulanate*, SAM= *Ampicillin-sulbactam*, SXT= *Trimethoprim-sulfamethoxazole*, TZP= *Piperacillin-tozobactam*, N= total isolates, n= tested isolates, %S= antibiotic sensitivity percentage.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Mikroorganisme* | N | TOB | | K | | AK | | TE | | DO | | C | | LEV | | CIP | | OFX | | CT | |
| n | %S | n | %S | n | %S | n | %S | N | %S | n | %S | n | %S | N | %S | N | %S | n | %S |
| *E. coli* | 5 | 3 | 66,6% | 2 | 0% | 2 | 0% | 5 | 40% | 2 | 50% | 5 | 100% | 5 | 40% | 5 | 40% | - | - | - | - |
| *P. pneumotropica* | 3 | 3 | 66,6% | 1 | 0% | 1 | 0% | 2 | 0% | - | - | 3 | 66,6% | 3 | 33,3% | 3 | 33,3% | 1 | 0% | - | - |
| *P. aeruginosa* | 3 | 3 | 66,6% |  | - | - | - | - | - | - | - | - | - | 2 | 100% | 3 | 66,6% | - | - | 3 | 100% |
| *Pantoea spp* | 2 | 2 | 0% | 1 | 0% | 1 | 0% | 2 | 0% | - | - | 2 | 100% | 2 | 0% | 2 | 0% | - | - | - | - |
| *Acinetobacter* | 1 | 1 | 0% | - | - | - | - | 1 | 0% | 1 | 0% | - | - | 1 | 0% | 1 | 0% | - | - | - | - |
| *C. luteola* | 1 | 1 | 100% | - | - | - | - | - | - | - | - | - | - | 1 | 0% | 1 | 0% | - | - | 1 | 0% |
| *E. cloacae* | 1 | 1 | 0% | 1 | 100% | 1 | 100% | 1 | 0% | - | - | 1 | 0% | 1 | 0% | 1 | 0% | - | - | - | - |
| *K. oxytoca* | 1 | 1 | 100% | 1 | 0% | 1 | 0% | 1 | 0% | - | - | 1 | 100% | 1 | 0% | 1 | 0% | - | - | - | - |
| *K. pneumoniae* | 1 | 1 | 100% | 1 | 0% | 1 | 0% | 1 | 0% | - | - | 1 | 0% | 1 | 0% | 1 | 0% | - | - | - | - |
| *P. mirabillis* | 1 | - | - | - | - | - | - | 1 | 0% | 1 | 0% | 1 | 0% | 1 | 100% | 1 | 100% | - | - | - | - |
| *P. rettgeri* | 1 | 1 | 100% | 1 | 0% | 1 | 0% | 1 | 0% | - | - | 1 | 0% | 1 | 0% | 1 | 0% | - | - | - | - |
| *S. odorifera* | 1 | 1 | 0% | 1 | 0% | 1 | 0% | 1 | 0% | - | - | 1 | 100% | 1 | 0% | 1 | 0% | - | - | - | - |
| *Y. pseudotuberculosis* | 1 | 1 | 100% | 1 | 0% | 1 | 0% | 1 | 0% | - | - | 1 | 100% | 1 | 0% | 1 | 0% | - | - | - | - |

TOB= *Tobramycin*, K= *Kanamycin*, AK= *Amikacin*, TE= *Tetracycline*, DO= *Doxycyclin*, C= *Chloramphenicol*, LEV= *Levofloxacin*, CIP= *Ciprofloxacin*, OFX= *Ofloxacin*, CT= *Colistin,* N= total isolates, n= tested isolates, %S= antibiotic sensitivity percentage.

Colour Indicator

<40 :

40-60 :

61-80 :

81-99 :

100 :

Table 3. 2. Antibiograms for Gram-positive Bacteria

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Mikroorganisme | N | AMP  %S | P  %S | OX  %S | CN  %S | CFR  %S | FOX  %S | CFM  %S | MEM  %S | AMC  %S | SXT  %S |
| *S. epidermidis* | 1 | - | 0% | - | 0% | - | 0% | - | - | - | - |
| *S. aureus* | 1 | - | 0% | - | 100% | - | 0% | - | - | - | 100% |
| *S. warneri* | 1 | 100% | - | 100% | - | 100% | 100% | 0% | 100% | 100% | 100% |

AMP= *Ampicillin*, P= *Penicilin*, OX= *Oxacillin*, CN= *Cephalexin*, CFR= *Cefadroxil*, FOX= *Cefoxitin*, CFM= *Cefixime*, MEM= *Meropenem*, AMC= *Amoxicillin-clavulanate*, SXT= *Trimethoprim-sulfamethoxazole*, N= total isolates, %S= antibiotic sensitivity percentage.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Mikroorganisme | N | TOB  %S | TE  %S | DO  %S | DA  %S | AZM  %S | E  %S | LZD  %S | C  %S | LEV  %S | CIP  %S | OFX  %S | VA  %S |
| *S. epidermidis* | 1 | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| *S. aureus* | 1 | - | 100% | 100% | 0% | 100% | 0% | 100% | 100% | 100% | 100% | 100% | 0% |
| *S. warneri* | 1 | - | 100% | 100% | 100% | 100% | - | 100% | 0% | 100% | 100% | - | 100% |

TOB= *Tobramycin*, TE= *Tetracycline*, DO= *Doxycycline*, DA= *Clindamycin*, AZM= *Azithromycin*, E= *Erythromycin*, LZD= *Linezolid*, C= *Chloramphenicol*, LEV= *Levofloxacyn*, CIP= *Ciprofloxacin*, OFX= *Ofloxacin*, VA= *Vancomycin,* N= total isolates, %S= antibiotic sensitivity percentage.

Colour Indicator

<40 :

40-60 :

61-80 :

81-99 :

100 :