**Summary of genotypic and phenotypic antibiogram for *K. pnemoniae* cpe004 strain.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Antibiotic** | **Genotypic determinants of resistance** | | | **Phenotypic AST** |
| **AMRFinder** | **ResFinder** | **Pathogenwatch** |
| Ampicillin |  |  |  | Resistant |
| Amikacin |  |  |  | Resistant |
| Gentamicin |  |  |  | Resistant |
| Tobramycin |  |  |  | Resistant |
| Ciprofloxacin |  |  |  | Resistant |
| Trimethoprim-  Sulfamethoxazole |  |  |  | Resistant |
| Cefuroxime |  |  |  | Resistant |
| Cefotaxime |  |  |  | Resistant |
| Meropenem |  |  |  | Resistant |
| Amoxycillin clavulanic  acid |  |  |  | Resistant |
| Piperacillin tazobactam |  |  |  | Resistant |
| Any other antibiotic |  |  |  | Not available |

**Summary of genotypic and phenotypic antibiogram for *Escherichia coli* cpe069 strain.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Antibiotic** | **Genotypic determinants of resistance** | | | **Phenotypic AST** |
| **AMRFinder** | **ResFinder** | **Pathogenwatch** |
| Ampicillin |  |  |  | Resistant |
| Amikacin |  |  |  | Resistant |
| Gentamicin |  |  |  | Resistant |
| Tobramycin |  |  |  | Resistant |
| Ciprofloxacin |  |  |  | Susceptible |
| Trimethoprim-  Sulfamethoxazole |  |  |  | Susceptible |
| Cefuroxime |  |  |  | Resistant |
| Cefotaxime |  |  |  | Resistant |
| Meropenem |  |  |  | Resistant |
| Amoxycillin clavulanic  acid |  |  |  | Resistant |
| Piperacillin tazobactam |  |  |  | Resistant |
| Any other antibiotic |  |  |  | Not available |

**Summary of genotypic and phenotypic antibiogram for your assigned CPE strain.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Antibiotic** | **Genotypic determinants of resistance** | | | **Phenotypic AST \*** |
| **AMRFinder** | **ResFinder** | **Pathogenwatch** |
| Ampicillin |  |  |  |  |
| Amikacin |  |  |  |  |
| Gentamicin |  |  |  |  |
| Tobramycin |  |  |  |  |
| Ciprofloxacin |  |  |  |  |
| Trimethoprim-  Sulfamethoxazole |  |  |  |  |
| Cefuroxime |  |  |  |  |
| Cefotaxime |  |  |  |  |
| Meropenem |  |  |  |  |
| Amoxycillin clavulanic  acid |  |  |  |  |
| Piperacillin tazobactam |  |  |  |  |
| Any other antibiotic |  |  |  |  |

\* Fill in the phenotypic antibiotic resistance of your assigned CPE strain with the disk diffusion results read for your strain.