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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Date of sample collection** | | | 16 Apr 2021 | **Date of submission** | | | 16 Apr 2021 | |
|  | | | | | | | | |
| **Owner** | ปัทมา พิมพ์เลิศพิทูร | | | **Patient** | | ส้ม | | |
| **Species** | Dog | | | **Breed** | | Shih Tzu | | |
| **Sex** | Female | | | **Birth date** | | Year 2020 | | |
|  | | | | | | | | |
| **Submitted samples** | | Abscess at renal pelvis | | | **Methods of collection** | | | NA |
| **Methods (ID/AST)** | | MALDI-TOF MS/Vitek AST | | | **Isolate No.** | | | M616/2564 |

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| --- | --- |
| **Microbial identification and AST results:** | *Escherichia coli* |

|  |  |  |
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| **Antimicrobials** | **Results** | |
| **MIC** | **S/I/R** |
| ESBL | NEG | - |
| Ampicillin | >=32 | R |
| Amoxicillin/clavulanic acid | 16 | S |
| Cephalexin | <=4 | S |
| Cefalotin | 8 | R |
| Cefpodoxime | 0.5 | S |
| Cefovecin | <=0.5 | S |
| Ceftiofur | <=1 | S |
| Imipenem | <=0.25 | S |
| Amikacin | 4 | S |
| **Antimicrobials** | **Results** | |
| **MIC** | **S/I/R** |
| Gentamicin | <=1 | S |
| Neomycin | <=2 | S |
| Enrofloxacin | >=4 | R |
| Marbofloxacin | >=4 | R |
| Pradofloxacin | >=4 | R |
| Doxycycline | >=16 | R |
| Tetracycline | >=16 | R |
| Nitrofurantoin | <=16 | S |
| Chloramphenicol | 8 | S |
| Sulfamethoxazole/trimethoprim | <=20 | S |

**Recommendation**

|  |  |
| --- | --- |
| **Specific resistance phenotype:** | *Escherichia coli* |

* ยาต้านจุลชีพที่แนะนำ ได้แก่
  + Sulfamethoxazole/trimethoprim 30 mg/kg q12h PO AC for 10-14 days หรือให้ยาต่อเนื่องจนอาการหายสนิท และให้ยาต่อไปอีก 1-2 สัปดาห์