

Patient Name : Ms. RACHANA RAJESH KUMARA SURLMANE  
CHANDRASHEKAR SHANA  
Age / Gender : 39 Y / Female  
Patient ID : QLD109313  
Referred By : DR RAHMAN  
Referral Client : CITICARE MEDICAL CENTER

Sample UID No. : 4109858U  
Sample Collected On : 17-08-2025 21:53  
Registered On : 17-08-2025 22:00  
Reported on : 20-08-2025 06:54  
External Patient ID : 47537  
Print Version : V.1

Department of MICROBIOLOGY  
CULTURE AND SENSITIVITY (URINE)  
Final Report

Result

Organism Details

Specimen : Urine  
Organism : **Extended Spectrum Beta Lactamase producing Escherichia coli grown in culture.**  
Colony count : >100,000CFU/ml

Culture Report:

| Antibiotic Name                  | Interpretation |
|----------------------------------|----------------|
| Ampicillin                       | Resistant      |
| Amoxycillin with clavulanic acid | Sensitive      |
| Cefazolin                        | Resistant      |
| Cefuroxime                       | Resistant      |
| Cefixime                         | Resistant      |
| Cefotaxime                       | Resistant      |
| Ceftazidime                      | Resistant      |
| Cefpodoxime                      | Resistant      |
| Ceftriaxone                      | Resistant      |
| Aztreonam                        | Resistant      |
| Cefepime                         | Resistant      |
| Imipenem                         | Sensitive      |
| Meropenem                        | Sensitive      |
| Ciprofloxacin                    | Sensitive      |
| Levofloxacin                     | Sensitive      |
| Gentamycin                       | Sensitive      |
| Amikacin                         | Sensitive      |
| Trimethoprim-sulfamethoxazole    | Sensitive      |
| Nitrofurantoin                   | Sensitive      |
| Fosfomycin                       | Sensitive      |

"QLabs compliance with ISO 15189:2022 standards"

Verified By



MURSHID KUDUKKIL  
Microbiology Technologist

DHA No.56890259-001



Authorised By



Dr. Dheepa Manoharan  
Medical Director  
Specialist Microbiologist  
DHA No. 00231751-004

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**Comments:**

- A. ESBL are the enzymes that are resistant to most Penicillin, Cephalosporins included 3rd & 4th generation Cephalosporins and Aztreonam but neither Cephameycins, Carbapenems and Beta lactamase inhibitors. ESBL are detected by phenotypically by combined Disc diffusion and double disc synergy methods.  
Kindly correlate clinically.  
B. Colony count criteria:  
<10,000 CFU/ml - not significant  
10,000 - 100000- doubtful significant (suggest repeat sample)  
>100,000CFU/ml- significant bacteriuria  
C. Ureaplasma, Mycoplasma, and Chlamydia are not detected with conventional media.  
D. Quality controls for organisms are routinely performed using recommended ATCC strains.  
E. Antibiotic susceptibility testing is detected by Disc diffusion method based on Performance standard for Antimicrobial susceptibility testing M100 CLSI 30th edition.

**References:**

1. Clinical Microbiology procedures Handbook - Amy .L. Leber -4th edition.
2. Konneman colour Atlas and Textbook of Diagnostic Microbiology 7th edition.
3. CLSI M100 Ed 31 performance standards for Antimicrobial susceptibility testing.

**- END OF REPORT -**

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