

|                                  |                           |                            |                    |
|----------------------------------|---------------------------|----------------------------|--------------------|
| <b>Patient Name</b>              | : Ms. RACHANA RAJESH      | <b>Sample UID No.</b>      | : 4104546U         |
| <b>Age / Gender</b>              | : 38 Y / Female           | <b>Sample Collected On</b> | : 03-08-2025 15:40 |
| <b>Patient ID</b>                | : QLD104098               | <b>Registered On</b>       | : 03-08-2025 15:58 |
| <b>Referred By</b>               | : CITY CARE               | <b>Reported on</b>         | : 04-08-2025 06:55 |
| <b>Referral Client</b>           | : CITICARE MEDICAL CENTER | <b>External Patient ID</b> | : 47537            |
| <b>Emirates ID / Passport No</b> | :                         | <b>Print Version</b>       | : V.1              |

### Department of CLINICAL PATHOLOGY

#### COMPREHENSIVE URINE ANALYSIS

| Investigation                  | Results    | Flag | Units | Biological Reference Interval | Method                 |
|--------------------------------|------------|------|-------|-------------------------------|------------------------|
| Sample: URINE                  |            |      |       |                               |                        |
| <b>MACROSCOPIC EXAMINATION</b> |            |      |       |                               |                        |
| COLOR                          | Colourless |      |       | Pale to Dark Yellow           | Colorimetric           |
| APPEARANCE                     | Clear      |      |       | -                             | Turbidometric Method   |
| <b>CHEMISTRY EXAMINATION</b>   |            |      |       |                               |                        |
| SPECIFIC GRAVITY               | 1.000      | L    |       | 1.002 - 1.035                 | Reflectance photometry |
| pH                             | 7          |      |       | 4.5 - 8                       | Reflectance photometry |
| PROTEIN                        | Neg.       |      |       | Negative                      | Reflectance photometry |
| GLUCOSE                        | Neg.       |      |       | Negative                      | Reflectance photometry |
| KETONE                         | Neg.       |      |       | Negative                      | Reflectance photometry |
| UROBILINOGEN                   | Neg.       |      |       | Negative                      | Reflectance photometry |
| BILIRUBIN                      | Neg.       |      |       | Negative                      | Reflectance photometry |
| BLOOD                          | Neg.       |      |       | Negative                      | Reflectance photometry |
| LEUCOCYTES                     | Neg.       |      |       | Negative                      | Reflectance photometry |
| <b>MICROSCOPIC EXAMINATION</b> |            |      |       |                               |                        |
| NITRATE                        | Neg.       |      |       | NEGATIVE                      | Reflectance photometry |
| PUS CELLS                      | Few        |      | /HPF  | 0 - 5                         | Microscopy             |
| RBC                            | Nil        |      | /HPF  | 0 - 3                         | Microscopy             |
| NRBC                           | Nil        |      | /HPF  | 0 - 3                         | Microscopy             |
| DRBC                           | Nil        |      | /HPF  | 0 - 3                         | Microscopy             |
| RBC CLUMP                      | Nil        |      | /HPF  | 0 - 3                         | Microscopy             |
| SQUAMOUS EPITHELIAL CELLS      | Few        |      | /HPF  | 0 - 5                         | Microscopy             |
| OTHER EPITHELIAL CELLS         | Nil        |      | /HPF  | 0 - 5                         | Microscopy             |

"QLabs compliance with ISO 15189:2022 standards"



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DHA No. 23553203-004



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

|                                  |                           |                            |                    |
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### Department of CLINICAL PATHOLOGY

#### COMPREHENSIVE URINE ANALYSIS

| <u>Investigation</u>         | <u>Results</u> | <u>Flag</u> | <u>Units</u> | <u>Biological Reference Interval</u> | <u>Method</u> |
|------------------------------|----------------|-------------|--------------|--------------------------------------|---------------|
| BACTERIA                     | Nil            |             | /HPF         | 0 - 5                                | Microscopy    |
| BACTERIA CLUMP               | Nil            |             | /HPF         | 0 - 5                                | Microscopy    |
| BACTERIA RODS                | Nil            |             | /HPF         | 0 - 5                                | Microscopy    |
| BACTERIA COCCI               | Nil            |             | /HPF         | 0 - 5                                | Microscopy    |
| HYALINE CAST                 | Nil            |             | /HPF         | NIL                                  | Microscopy    |
| PATHOLOGICAL CAST            | Nil            |             | /HPF         | NIL                                  | Microscopy    |
| GRANULAR CAST                | Nil            |             | /HPF         | NIL                                  | Microscopy    |
| CELLULAR CAST                | Nil            |             | /HPF         | NIL                                  | Microscopy    |
| WAXY CAST                    | Nil            |             | /HPF         | NIL                                  | Microscopy    |
| RBC CAST                     | Nil            |             | /HPF         | NIL                                  | Microscopy    |
| WBC CAST                     | Nil            |             | /HPF         | NIL                                  | Microscopy    |
| FACT                         | Nil            |             | /HPF         | NIL                                  | Microscopy    |
| CALCIUM OXALATE CRYSTALS     | Nil            |             | /HPF         | NIL                                  | Microscopy    |
| MONOHYDRATE CALCIUM CRYSTALS | Nil            |             | /HPF         | NIL                                  | Microscopy    |
| TRIPLE PHOSPHATE CRYSTALS    | Nil            |             | /HPF         | NIL                                  | Microscopy    |
| URIC ACID CRYSTALS           | Nil            |             | /HPF         | NIL                                  | Microscopy    |
| OTHER SMALL CRYSTALS         | Nil            |             | /HPF         | NIL                                  | Microscopy    |
| CALCIUM PHOSPHATE CRYSTALS   | Nil            |             | /HPF         | NIL                                  | Microscopy    |
| LEUCINE CRYSTALS             | Nil            |             | /HPF         | NIL                                  | Microscopy    |
| CYSTINE CRYSTALS             | Nil            |             | /HPF         | NIL                                  | Microscopy    |
| TYROSINE CRYSTALS            | Nil            |             | /HPF         | NIL                                  | Microscopy    |
| AMORPHOUS CRYSTALS           | Few            |             | /HPF         | NIL                                  | Microscopy    |

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### Department of CLINICAL PATHOLOGY

#### COMPREHENSIVE URINE ANALYSIS

| <u>Investigation</u> | <u>Results</u> | <u>Flag</u> | <u>Units</u> | <u>Biological Reference Interval</u> | <u>Method</u> |
|----------------------|----------------|-------------|--------------|--------------------------------------|---------------|
| CHOLESTEROL CRYSTALS | Nil            |             | /HPF         | NIL                                  | Microscopy    |
| FAT                  | Nil            |             | /HPF         | NIL                                  | Microscopy    |
| MUCUS                | Occasional     |             | /HPF         | NIL                                  | Microscopy    |
| YEAST                | Nil            |             | /HPF         | NIL                                  | Microscopy    |
| UNCLASSIFIED         | Nil            |             | /HPF         | NIL                                  | Microscopy    |
| OTHERS               | Nil            |             | /HPF         | NIL                                  | Microscopy    |

- END OF REPORT -

"QLabs compliance with ISO 15189:2022 standards"



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Patient Name : Ms. RACHANA RAJESH  
Age / Gender : 38 Y / Female  
Patient ID : QLD104098  
Referred By : CITY CARE  
Referral Client : CITICARE MEDICAL CENTER

Sample UID No. : 4104546U  
Sample Collected On : 03-08-2025 15:40  
Registered On : 03-08-2025 15:58  
Reported on : 05-08-2025 17:06  
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



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|                        |                           |                            |                    |
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|                        |                           | <b>Print Version</b>       | : V.1              |

Department of MICROBIOLOGY  
CULTURE AND SENSITIVITY (URINE)  
Final Report

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 -

"QLabs compliance with ISO 15189:2022 standards"

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