

Dr. Vinay Chopra
 MD (Pathology & Microbiology)
 Chairman & Consultant Pathologist

Dr. Yugam Chopra
 MD (Pathology)
 CEO & Consultant Pathologist

| | | | |
|-----------------------|--|--------------------------|------------------------|
| NAME | : Mrs. RAKSHA RANI | PATIENT ID | : 1785359 |
| AGE/ GENDER | : 60 YRS/FEMALE | REG. NO./LAB NO. | : 012503100033 |
| COLLECTED BY | : | REGISTRATION DATE | : 10/Mar/2025 11:44 AM |
| REFERRED BY | : LOOMBA HOSPITAL (AMBALA CANTT) | COLLECTION DATE | : 10/Mar/2025 11:46AM |
| BARCODE NO. | : 01526864 | REPORTING DATE | : 12/Mar/2025 11:11AM |
| CLIENT CODE. | : KOS DIAGNOSTIC LAB | | |
| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAD, AMBALA CANTT | | |

| Test Name | Value | Unit | Biological Reference interval |
|-----------|-------|------|-------------------------------|
|-----------|-------|------|-------------------------------|

MICROBIOLOGY

CULTURE AEROBIC BACTERIA AND ANTIBIOTIC SENSITIVITY: SWABS


CULTURE AND SUSCEPTIBILITY: SWABS

| | |
|--|----------------------------|
| DATE OF SAMPLE | 10-03-2025 |
| SPECIMEN SOURCE | SWAB |
| INCUBATION PERIOD | 48 HOURS |
| GRAM STAIN by MICROSCOPY | GRAM POSITIVE (+ve) |
| CULTURE by AUTOMATED BROTH CULTURE | POSITIVE (+ve) |
| ORGANISM by AUTOMATED BROTH CULTURE | Proteus sp. |

AEROBIC SUSCEPTIBILITY: SWABS

| | |
|--|-----------|
| AMOXICILLIN+CLAVULANIC ACID by AUTOMATED BROTH MICODILUTION, CLSI Concentration: 8/4 µg/mL | RESISTANT |
| AMPICILLIN by AUTOMATED BROTH MICODILUTION, CLSI Concentration: 8 µg/mL | RESISTANT |
| AMPICILLIN+SULBACTAM by AUTOMATED BROTH MICODILUTION, CLSI Concentration: 8/4 µg/mL | RESISTANT |
| CHLORAMPHENICOL by AUTOMATED BROTH MICODILUTION, CLSI Concentration: 8 µg/mL | RESISTANT |
| CIPROFLOXACIN by AUTOMATED BROTH MICODILUTION, CLSI Concentration: 1 µg/mL | RESISTANT |
| DOXYCYCLINE by AUTOMATED BROTH MICODILUTION, CLSI | RESISTANT |




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| Concentration: 4 µg/mL | | | |
| NALIDIXIC ACID <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> | RESISTANT | | |
| Concentration: 16 µg/mL | | | |
| GENTAMICIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> | RESISTANT | | |
| Concentration: 16 µg/mL | | | |
| NITROFURATOIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> | RESISTANT | | |
| Concentration: 16 µg/mL | | | |
| NORFLOXACIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> | RESISTANT | | |
| Concentration: 4 µg/mL | | | |
| MINOCYCLINE <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> | INTERMEDIATE | | |
| Concentration: 4 µg/mL | | | |
| TOBRAMYCIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> | RESISTANT | | |
| Concentration: 4 µg/mL | | | |
| AMIKACIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> | INTERMEDIATE | | |
| Concentration: 16 µg/mL | | | |
| AZETREONAM <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> | SENSITIVE | | |
| Concentration: 4 µg/mL | | | |
| CEFAZOLIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> | RESISTANT | | |
| Concentration: 16 µg/mL | | | |





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| CEFIXIME <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> | RESISTANT | | |
| CEFOXITIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 8 µg/mL | RESISTANT | | |
| CEFTAZIDIME <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 4 µg/mL | RESISTANT | | |
| CEFTRIAXONE <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> | RESISTANT | | |
| FOSFOMYCIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 64 µg/mL | SENSITIVE | | |
| LEVOFLOXACIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 2 µg/mL | RESISTANT | | |
| NETLIMICIN SULPHATE <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 8 µg/mL | RESISTANT | | |
| PIPERACILLIN+TAZOBACTAM <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 16/4 µg/mL | SENSITIVE | | |
| TICARCILLIN+CLAVULANIC ACID <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 16/2 µg/mL | INTERMEDIATE | | |
| TRIMETHOPRIM+SULPHAMETHAZOLE <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 2/38 µg/mL | RESISTANT | | |
| CEFIPIME <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> | RESISTANT | | |




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Concentration: 2 µg/mL

DORIPENEM
 by AUTOMATED BROTH MICRODILUTION, CLSI
 Concentration: 1 µg/mL

SENSITIVE

IMIPINEM
 by AUTOMATED BROTH MICRODILUTION, CLSI
 Concentration: 1 µg/mL

INTERMEDIATE

MEROPENEM
 by AUTOMATED BROTH MICRODILUTION, CLSI
 Concentration: 1 µg/mL

SENSITIVE

COLISTIN
 by AUTOMATED BROTH MICRODILUTION, CLSI
 Concentration: 0.06 µg/mL

RESISTANT

INTERPRETATION **SUSCEPTIBILITY:**

1. A test interpreted as **SENSITIVE** implies that infection due to isolate may be appropriately treated with the dosage of an antimicrobial agent recommended for that type of infection and infecting species, unless otherwise indicated.
2. A test interpreted as **INTERMEDIATE** implies that the "Infection due to the isolate may be appropriately treated in body sites where the drugs are physiologically concentrated or when a high dosage of drug can be used".
3. A test interpreted as **RESISTANT** implies that the "isolates are not inhibited by the usually achievable concentration of the agents with normal dosage, schedule and/or fall in the range where specific microbial resistance mechanism are likely (e.g. beta-lactamases), and clinical efficacy has not been reliable in treatment studies.

CAUTION:

Conditions which can cause a false Negative culture:

1. Patient is on antibiotics. Please repeat culture post therapy.
2. Anaerobic bacterial infection.
3. Fastidious aerobic bacteria which are not able to grow on routine culture media.
4. Besides all these factors, at least in 25-40 % of cases there is no direct correlation between in vivo clinical picture.
5. Renal tuberculosis to be confirmed by AFB studies.

*** End Of Report ***




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