

KOS Diagnostic Lab (A Unit of KOS Healthcare)



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

Dr. Yugam Chopra

MD (Pathology)

CEO & Consultant Pathologist

NAME : Mrs. RAJ DUA (1)

AGE/ GENDER : 95 YRS/FEMALE PATIENT ID : 1532875

COLLECTED BY : REG. NO./LAB NO. : 012407280080

 REFERRED BY
 : 28/Jul/2024 06:30 PM

 BARCODE NO.
 : 01514015
 COLLECTION DATE
 : 28/Jul/2024 06:42 PM

 CLIENT CODE.
 : KOS DIAGNOSTIC LAB
 REPORTING DATE
 : 30/Jul/2024 05:44 PM

CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

Test Name Value Unit Biological Reference interval

MICROBIOLOGY

CULTURE AEROBIC BACTERIA AND ANTIBIOTIC SENSITIVITY: OTHERS

CULTURE AND SUSCEPTIBILITY

DATE OF SAMPLE 28-07-2024
SPECIMEN SOURCE SWAB
INCUBATION PERIOD 48 HOURS

GRAM STAIN GRAM NEGATIVE (-ve)

by MICROSCOPY

CULTURE POSITIVE (+ve)

by AUTOMATED BROTH CULTURE

ORGANISM Proteus sp. by AUTOMATED BROTH CULTURE

AEROBIC SUSCEPTIBILITY

AMOXICILLIN+CLAVULANIC ACID RESISTANT

by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 8/4 µg/mL

AMPICILLIN RESISTANT

by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 8 µg/mL

AMPICILLIN+SULBACTUM INTERMEDIATE

by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 8/4 µg/mL

CHLORAMPHENICOL SENSITIVE

by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 8 µg/mL

CIPROFLOXACIN RESISTANT

by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 1 µg/mL

DOXYCYCLINE RESISTANT by AUTOMATED BROTH MICRODILUTION, CLSI

DR.VINAY CHOPRA
CONSULTANT PATHOLOGIST
MBBS, MD (PATHOLOGY & MICROBIOLOGY)

DR.YUGAM CHOPRA
CONSULTANT PATHOLOGIST
MBBS , MD (PATHOLOGY)





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Test Name Value Unit **Biological Reference interval**

Concentration: 4 µg/mL

GENTAMICIN SENSITIVE

by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 16 µg/mL

INTERMEDIATE NORFLOXACIN

by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 4 µg/mL

MINOCYCLINE **SENSITIVE**

by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 4 µg/mL

TOBRAMYCIN SENSITIVE

by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 4 µg/mL

SENSITIVE by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 16 µg/mL

AZETREONAM SENSITIVE

by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 4 µg/mL

CEFAZOLIN RESISTANT

by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 16 µg/mL

RESISTANT **CEFIXIME**

by AUTOMATED BROTH MICRODILUTION, CLSI

by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 8 µg/mL

CEFTAZIDIME

by AUTOMATED BROTH MICRODILUTION, CLSI

CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY)

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INTERMEDIATE

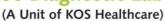
SENSITIVE



KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana 0171-2643898, +91 99910 43898 | care@koshealthcare.com | www.koshealthcare.com



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Test Name Value Unit **Biological Reference interval**

Concentration: 4 µg/mL

RESISTANT **CEFTRIAXONE**

by AUTOMATED BROTH MICRODILUTION, CLSI

FOSFOMYCIN SENSITIVE

by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 64 µg/mL

INTERMEDIATE LEVOFLOXACIN

by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 2 µg/mL

NETLIMICIN SULPHATE SENSITIVE

by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 8 µg/mL

PIPERACILLIN+TAZOBACTUM **SENSITIVE**

by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 16/4 µg/mL

TICARCILLIN+CLAVULANIC ACID **SENSITIVE**

by AUTOMATED BROTH MICRODILUTION, CLSI Concentration: 16/2 µg/mL

TRIMETHOPRIM+SULPHAMETHAZOLE RESISTANT

by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 2/38 µg/mL

CEFIPIME RESISTANT

by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 2 µg/mL

DORIPENEM by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 1 µg/mL

IMIPINEM RESISTANT

by AUTOMATED BROTH MICRODILUTION, CLSI

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Test Name Value Unit **Biological Reference interval**

Concentration: 1 µg/mL

MEROPENEM SENSITIVE

by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 1 µg/mL

COLISTIN **INTERMEDIATE**

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

SUSCEPTIBILITY:

1. A test interpreted as SENSTITIVE 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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