

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

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

NAME : Master. ANIKET
AGE/ GENDER : 5 YRS/MALE
COLLECTED BY :
REFERRED BY :
BARCODE NO. : 01524054
CLIENT CODE. : KOS DIAGNOSTIC LAB
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

PATIENT ID : 1727695
REG. NO./LAB NO. : 012501180039
REGISTRATION DATE : 18/Jan/2025 04:15 PM
COLLECTION DATE : 18/Jan/2025 04:16 PM
REPORTING DATE : 20/Jan/2025 05:31 PM

Test Name	Value	Unit	Biological Reference interval
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MICROBIOLOGY

CULTURE AEROBIC BACTERIA AND ANTIBIOTIC SENSITIVITY: STOOL

CULTURE AND SUSCEPTIBILITY - STOOL

DATE OF SAMPLE 18-01-2025

SPECIMEN SOURCE STOOL

INCUBATION PERIOD 48 HOURS

GRAM STAIN GRAM NEGATIVE (-ve)

by MICROSCOPY

CULTURE POSITIVE (+ve)

by AUTOMATED BROTH CULTURE

ORGANISM ESCHERICHIA COLI (E.COLI)

by AUTOMATED BROTH CULTURE

AEROBIC SUSCEPTIBILITY - STOOL

AMOXICILLIN+CLAVULANIC ACID SENSITIVE

by AUTOMATED BROTH MICRORILUTION, CLSI

Concentration: 8/4 µg/mL

AMPICILLIN INTERMEDIATE

by AUTOMATED BROTH MICRORILUTION, CLSI

Concentration: 8 µg/mL

AMPICILLIN+SULBACTAM SENSITIVE

by AUTOMATED BROTH MICRORILUTION, CLSI

Concentration: 8/4 µg/mL

CHLORAMPHENICOL SENSITIVE

by AUTOMATED BROTH MICRORILUTION, CLSI

Concentration: 8 µg/mL

CIPROFLOXACIN RESISTANT

by AUTOMATED BROTH MICRORILUTION, CLSI

Concentration: 1 µg/mL

DOXYCYCLINE SENSITIVE

by AUTOMATED BROTH MICRORILUTION, CLSI

Concentration: 4 µg/mL



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Test Name	Value	Unit	Biological Reference interval
NALIDIXIC ACID <i>by AUTOMATED BROTH MICRოდILUTION, CLSI</i> Concentration: 16 µg/mL	RESISTANT		
GENTAMICIN <i>by AUTOMATED BROTH MICRოდILUTION, CLSI</i> Concentration: 16 µg/mL	SENSITIVE		
NITROFURATOIN <i>by AUTOMATED BROTH MICRოდILUTION, CLSI</i> Concentration: 16 µg/mL	INTERMEDIATE		
NORFLOXACIN <i>by AUTOMATED BROTH MICRოდILUTION, CLSI</i> Concentration: 4 µg/mL	RESISTANT		
MINOCYCLINE <i>by AUTOMATED BROTH MICRოდILUTION, CLSI</i> Concentration: 4 µg/mL	SENSITIVE		
TOBRAMYCIN <i>by AUTOMATED BROTH MICRოდILUTION, CLSI</i> Concentration: 4 µg/mL	SENSITIVE		
AMIKACIN <i>by AUTOMATED BROTH MICRოდILUTION, CLSI</i> Concentration: 16 µg/mL	SENSITIVE		
AZETREONAM <i>by AUTOMATED BROTH MICRოდILUTION, CLSI</i> Concentration: 4 µg/mL	INTERMEDIATE		
CEFAZOLIN <i>by AUTOMATED BROTH MICRოდILUTION, CLSI</i> Concentration: 16 µg/mL	RESISTANT		
CEFIXIME <i>by AUTOMATED BROTH MICRოდILUTION, CLSI</i>	RESISTANT		




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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	SENSITIVE		
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	RESISTANT		
TRIMETHOPRIM+SULPHAMETHAZOLE <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 2/38 µg/mL	RESISTANT		
CEFIPIME <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 2 µg/mL	RESISTANT		




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DORIPENEM by AUTOMATED BROTH MICRODILUTION, CLSI Concentration: 1 µg/mL	SENSITIVE		
IMIPINEM by AUTOMATED BROTH MICRODILUTION, CLSI Concentration: 1 µg/mL	SENSITIVE		
MEROPENEM by AUTOMATED BROTH MICRODILUTION, CLSI Concentration: 1 µg/mL	SENSITIVE		
COLISTIN by AUTOMATED BROTH MICRODILUTION, CLSI Concentration: 0.06 µg/mL	SENSITIVE		

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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