

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

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

NAME : Mrs. KAMALPREET KAUR
AGE/ GENDER : 26 YRS/FEMALE
COLLECTED BY :
REFERRED BY : C.K.MITTAL HOSPITAL (AMBALA CANTT)
BARCODE NO. : 01522896
CLIENT CODE. : KOS DIAGNOSTIC LAB
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT
PATIENT ID : 1706472
REG. NO./LAB NO. : 012412230030
REGISTRATION DATE : 23/Dec/2024 01:01 PM
COLLECTION DATE : 23/Dec/2024 01:02PM
REPORTING DATE : 26/Dec/2024 11:35AM

Test Name	Value	Unit	Biological Reference interval
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MICROBIOLOGY

CULTURE AEROBIC BACTERIA AND ANTIBIOTIC SENSITIVITY: SWABS

CULTURE AND SUSCEPTIBILITY: SWABS

DATE OF SAMPLE 23-12-2024
SPECIMEN SOURCE SWAB
INCUBATION PERIOD 48 HOURS
GRAM STAIN GRAM POSITIVE (+ve)
by MICROSCOPY
CULTURE POSITIVE (+ve)
by AUTOMATED BROTH CULTURE
ORGANISM Staph. sp
by AUTOMATED BROTH CULTURE

AEROBIC SUSCEPTIBILITY: SWABS

AMOXICILLIN+CLAVULANIC ACID RESISTANT
by AUTOMATED BROTH MICRოდILUTION, CLSI
Concentration: 8/4 µg/mL

AMPICILLIN RESISTANT
by AUTOMATED BROTH MICRოდILUTION, CLSI
Concentration: 8 µg/mL

AMPICILLIN+SULBACTAM RESISTANT
by AUTOMATED BROTH MICRოდILUTION, CLSI
Concentration: 8/4 µg/mL

CHLORAMPHENICOL SENSITIVE
by AUTOMATED BROTH MICRოდILUTION, CLSI
Concentration: 8 µg/mL

CIPROFLOXACIN INTERMEDIATE
by AUTOMATED BROTH MICRოდILUTION, CLSI
Concentration: 1 µg/mL

DOXYCYCLINE SENSITIVE
by AUTOMATED BROTH MICRოდILUTION, CLSI
Concentration: 4 µg/mL



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




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CEFTRIAXONE <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	RESISTANT		
FOSFOMYCIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 64 µg/mL	INTERMEDIATE		
LEVOFLOXACIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 2 µg/mL	SENSITIVE		
NETILMICIN 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	SENSITIVE		
TRIMETHOPRIM+SULPHAMETHAZOLE <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 2/38 µg/mL	SENSITIVE		
CEFPIPIME <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 2 µg/mL	INTERMEDIATE		
DORIPENEM <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 1 µg/mL	SENSITIVE		
IMIPINEM <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 1 µg/mL	SENSITIVE		




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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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