

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

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

NAME : Master. YUG
AGE/ GENDER : 7 YRS/MALE
COLLECTED BY :
REFERRED BY : LOOMBA HOSPITAL (AMBALA CANTT)
BARCODE NO. : 01516452
CLIENT CODE. : KOS DIAGNOSTIC LAB
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

PATIENT ID : 1604644
REG. NO./LAB NO. : 012409060069
REGISTRATION DATE : 06/Sep/2024 06:10 PM
COLLECTION DATE : 06/Sep/2024 06:12PM
REPORTING DATE : 09/Sep/2024 10:45AM

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 06-09-2024
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 by AUTOMATED BROTH MICRოდILUTION, CLSI Concentration: 8/4 µg/mL	SENSITIVE
AMPICILLIN by AUTOMATED BROTH MICRოდILUTION, CLSI Concentration: 8 µg/mL	RESISTANT
AMPICILLIN+SULBACTAM by AUTOMATED BROTH MICRოდILUTION, CLSI Concentration: 8/4 µg/mL	RESISTANT
CHLORAMPHENICOL by AUTOMATED BROTH MICRოდILUTION, CLSI Concentration: 8 µg/mL	RESISTANT
CIPROFLOXACIN by AUTOMATED BROTH MICRოდILUTION, CLSI Concentration: 1 µg/mL	RESISTANT
DOXYCYCLINE	RESISTANT



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




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Test Name	Value	Unit	Biological Reference interval
Concentration: 16 µg/mL			
CEFIXIME <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	RESISTANT		
CEFOXITIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	RESISTANT		
Concentration: 8 µg/mL			
CEFTAZIDIME <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	SENSITIVE		
Concentration: 4 µg/mL			
CEFTRIAXONE <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	RESISTANT		
FOSFOMYCIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	SENSITIVE		
Concentration: 64 µg/mL			
LEVOFLOXACIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	RESISTANT		
Concentration: 2 µg/mL			
NETLIMICIN SULPHATE <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	RESISTANT		
Concentration: 8 µg/mL			
PIPERACILLIN+TAZOBACTAM <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	SENSITIVE		
Concentration: 16/4 µg/mL			
TICARCILLIN+CLAVULANIC ACID <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	SENSITIVE		
Concentration: 16/2 µg/mL			
TRIMETHOPRIM+SULPHAMETHAZOLE <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	RESISTANT		
Concentration: 2/38 µg/mL			




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CEFIPIME <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 2 µg/mL	RESISTANT		
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		
MEROPENEM <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 1 µg/mL	SENSITIVE		
COLISTIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> 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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