

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

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

NAME : Mrs. RAJDUA
AGE/ GENDER : 95 YRS/FEMALE
COLLECTED BY :
REFERRED BY :
BARCODE NO. : 01512198
CLIENT CODE. : KOS DIAGNOSTIC LAB
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

PATIENT ID : 1532875
REG. NO./LAB NO. : 012406290043
REGISTRATION DATE : 29/Jun/2024 11:45 AM
COLLECTION DATE : 29/Jun/2024 11:46AM
REPORTING DATE : 02/Jul/2024 10:33AM

Test Name	Value	Unit	Biological Reference interval
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MICROBIOLOGY

CULTURE AEROBIC BACTERIA AND ANTIBIOTIC SENSITIVITY: SPUTUM

CULTURE AND SUSCEPTIBILITY - SPUTUM

DATE OF SAMPLE 29-06-2024
SPECIMEN SOURCE SPUTUM
INCUBATION PERIOD 48 HOURS
GRAM STAIN GRAM POSITIVE (+ve)
by MICROSCOPY
CULTURE POSITIVE (+ve)
by AUTOMATED BROTH CULTURE
ORGANISM H.Influenzae
by AUTOMATED BROTH CULTURE

AEROBIC SUSCEPTIBILITY - SPUTUM

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

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

AMPICILLIN+SULBACTAM SENSITIVE
by AUTOMATED BROTH MICROWILUTION, CLSI
Concentration: 8/4 µg/mL

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

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

DOXYCYCLINE RESISTANT
by AUTOMATED BROTH MICROWILUTION, CLSI



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Test Name	Value	Unit	Biological Reference interval
Concentration: 4 µg/mL			
GENTAMICIN by AUTOMATED BROTH MICRODILUTION, CLSI	SENSITIVE		
Concentration: 16 µg/mL			
NORFLOXACIN by AUTOMATED BROTH MICRODILUTION, CLSI	INTERMEDIATE		
Concentration: 4 µg/mL			
MINOCYCLINE by AUTOMATED BROTH MICRODILUTION, CLSI	SENSITIVE		
Concentration: 4 µg/mL			
TOBRAMYCIN by AUTOMATED BROTH MICRODILUTION, CLSI	SENSITIVE		
Concentration: 4 µg/mL			
AMIKACIN by AUTOMATED BROTH MICRODILUTION, CLSI	SENSITIVE		
Concentration: 16 µg/mL			
AZETREONAM by AUTOMATED BROTH MICRODILUTION, CLSI	SENSITIVE		
Concentration: 4 µg/mL			
CEFAZOLIN by AUTOMATED BROTH MICRODILUTION, CLSI	SENSITIVE		
Concentration: 16 µg/mL			
CEFIXIME by AUTOMATED BROTH MICRODILUTION, CLSI	SENSITIVE		
CEFOXITIN by AUTOMATED BROTH MICRODILUTION, CLSI	SENSITIVE		
Concentration: 8 µg/mL			
CEFTAZIDIME by AUTOMATED BROTH MICRODILUTION, CLSI	SENSITIVE		




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Test Name	Value	Unit	Biological Reference interval
Concentration: 4 µg/mL			
CEFTRIAXONE <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	SENSITIVE		
FOSFOMYCIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	SENSITIVE		
Concentration: 64 µg/mL			
LEVOFLOXACIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	INTERMEDIATE		
Concentration: 2 µg/mL			
NETLIMICIN SULPHATE <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	SENSITIVE		
Concentration: 8 µg/mL			
PIPERACILLIN+TAZOBACTAM <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	INTERMEDIATE		
Concentration: 16/4 µg/mL			
TICARCILLIN+CLAVULANIC ACID <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	INTERMEDIATE		
Concentration: 16/2 µg/mL			
TRIMETHOPRIM+SULPHAMETHAZOLE <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	RESISTANT		
Concentration: 2/38 µg/mL			
CEFIPIME <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	INTERMEDIATE		
Concentration: 2 µg/mL			
DORIPENEM <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	SENSITIVE		
Concentration: 1 µg/mL			
IMIPINEM <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	RESISTANT		




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Concentration: 1 µg/mL

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

INTERMEDIATE

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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