

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

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

NAME	: Mr. DENNIS JOSHI	PATIENT ID	: 1692069
AGE/ GENDER	: 25 YRS/MALE	REG. NO./LAB NO.	: 012502180034
COLLECTED BY	:	REGISTRATION DATE	: 18/Feb/2025 10:47 AM
REFERRED BY	:	COLLECTION DATE	: 18/Feb/2025 10:48AM
BARCODE NO.	: 01525716	REPORTING DATE	: 18/Feb/2025 05:04PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
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CLINICAL PATHOLOGY

STOOL ROUTINE AND MICROSCOPIC EXAMINATION

PHYSICAL EXAMINATION

COLOUR / APPEARANCE	BROWNISH	YELLOWISH BROWN
CONSISTENCY	SLIGHTLY LOOSE	SEMI- FORMED/FORMED
PUS	ABSENT	ABSENT
MUCOUS	PRESENT	ABSENT
BLOOD	TRACE	NEGATIVE (-ve)
PARASITES	NOT SEEN	NOT SEEN

MICROSCOPIC EXAMINATION

PUS CELLS <i>by MICROSCOPY</i>	NEGATIVE (-ve)	/HPF	0 - 5
RED BLOOD CELLS (RBCs) <i>by MICROSCOPY</i>	0-3	/HPF	0 - 3
OVA <i>by MICROSCOPY</i>	NOT SEEN		NOT SEEN
CYSTS <i>by MICROSCOPY</i>	NOT SEEN		NOT SEEN
STOOL FOR VIBRIO CHOLERA <i>by MICROSCOPY</i>	NO DARTING MOTILITY SEEN		
STOOL FOR FAT GLOBULES <i>by MICROSCOPY</i>	NOT SEEN		NOT SEEN




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MICROBIOLOGY

CULTURE AEROBIC BACTERIA AND ANTIBIOTIC SENSITIVITY: STOOL

CULTURE AND SUSCEPTIBILITY - STOOL

DATE OF SAMPLE	18-02-2025
SPECIMEN SOURCE	STOOL
INCUBATION PERIOD	48 HOURS
GRAM STAIN by MICROSCOPY	GRAM NEGATIVE (-ve)
CULTURE by AUTOMATED BROTH CULTURE	POSITIVE (+ve)
ORGANISM by AUTOMATED BROTH CULTURE	ESCHERICHIA COLI (E.COLI)

AEROBIC SUSCEPTIBILITY - STOOL

AMOXICILLIN+CLAVULANIC ACID by AUTOMATED BROTH MICRDLUTION, CLSI Concentration: 8/4 µg/mL	RESISTANT
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AMPICILLIN by AUTOMATED BROTH MICRDLUTION, CLSI Concentration: 8 µg/mL	RESISTANT
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AMPICILLIN+SULBACTAM by AUTOMATED BROTH MICRDLUTION, CLSI Concentration: 8/4 µg/mL	INTERMEDIATE
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CIPROFLOXACIN by AUTOMATED BROTH MICRDLUTION, CLSI Concentration: 1 µg/mL	INTERMEDIATE
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DOXYCYCLINE by AUTOMATED BROTH MICRDLUTION, CLSI Concentration: 4 µg/mL	SENSITIVE
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NALIDIXIC ACID by AUTOMATED BROTH MICRDLUTION, CLSI Concentration: 16 µg/mL	RESISTANT
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Test Name	Value	Unit	Biological Reference interval
GENTAMICIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 16 µg/mL	SENSITIVE		
NITROFURATOIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 16 µg/mL	SENSITIVE		
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	SENSITIVE		
AMIKACIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 16 µg/mL	SENSITIVE		
AZETREONAM <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 4 µg/mL	RESISTANT		
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		




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CEFTAZIDIME <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 4 µg/mL	SENSITIVE		
CEFTRIAXONE <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> FOSFOMYCIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 64 µg/mL	SENSITIVE RESISTANT		
LEVOFLOXACIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 2 µg/mL	INTERMEDIATE		
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	SENSITIVE		
TRIMETHOPRIM+SULPHAMETHAZOLE <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 2/38 µg/mL	SENSITIVE		
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	SENSITIVE		




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

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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