

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

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

NAME	: Mr. A.S BHATIA	PATIENT ID	: 1778016
AGE/ GENDER	: 90 YRS/MALE	REG. NO./LAB NO.	: 012503040037
COLLECTED BY	: SHYAM	REGISTRATION DATE	: 04/Mar/2025 12:48 PM
REFERRED BY	:	COLLECTION DATE	: 04/Mar/2025 12:49PM
BARCODE NO.	: 01526450	REPORTING DATE	: 06/Mar/2025 04:54PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
-----------	-------	------	-------------------------------

MICROBIOLOGY

CULTURE AEROBIC BACTERIA AND ANTIBIOTIC SENSITIVITY: URINE

CULTURE AND SUSCEPTIBILITY: URINE

DATE OF SAMPLE 04-03-2025
 SPECIMEN SOURCE URINE
 INCUBATION PERIOD 48 HOURS
by AUTOMATED BROTH CULTURE

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: URINE

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

RESISTANT

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

RESISTANT

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

SENSITIVE

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

INTERMEDIATE


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


INTERMEDIATE

DOXYCYCLINE
by AUTOMATED BROTH MICRORILUTION, CLSI

INTERMEDIATE




 DR.VINAY CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY & MICROBIOLOGY)


 DR.YUGAM CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY)




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

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

NAME	: Mr. A.S BHATIA	PATIENT ID	: 1778016
AGE/ GENDER	: 90 YRS/MALE	REG. NO./LAB NO.	: 012503040037
COLLECTED BY	: SHYAM	REGISTRATION DATE	: 04/Mar/2025 12:48 PM
REFERRED BY	:	COLLECTION DATE	: 04/Mar/2025 12:49PM
BARCODE NO.	: 01526450	REPORTING DATE	: 06/Mar/2025 04:54PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

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




DR.VINAY CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY & MICROBIOLOGY)


DR.YUGAM CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY)




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


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

NAME	: Mr. A.S BHATIA	PATIENT ID	: 1778016
AGE/ GENDER	: 90 YRS/MALE	REG. NO./LAB NO.	: 012503040037
COLLECTED BY	: SHYAM	REGISTRATION DATE	: 04/Mar/2025 12:48 PM
REFERRED BY	:	COLLECTION DATE	: 04/Mar/2025 12:49PM
BARCODE NO.	: 01526450	REPORTING DATE	: 06/Mar/2025 04:54PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
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	INTERMEDIATE		
CEFTRIAXONE <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> 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	RESISTANT		
NETLIMICIN SULPHATE <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 8 µg/mL	INTERMEDIATE		
PIPERACILLIN+TAZOBACTAM <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 16/4 µg/mL	RESISTANT		
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	INTERMEDIATE		
CEFIPIME <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 2 µg/mL	INTERMEDIATE		




 DR.VINAY CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY & MICROBIOLOGY)


 DR.YUGAM CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY)



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

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

NAME	: Mr. A.S BHATIA	PATIENT ID	: 1778016
AGE/ GENDER	: 90 YRS/MALE	REG. NO./LAB NO.	: 012503040037
COLLECTED BY	: SHYAM	REGISTRATION DATE	: 04/Mar/2025 12:48 PM
REFERRED BY	:	COLLECTION DATE	: 04/Mar/2025 12:49PM
BARCODE NO.	: 01526450	REPORTING DATE	: 06/Mar/2025 04:54PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
DORIPENEM by AUTOMATED BROTH MICRODILUTION, CLSI Concentration: 1 µg/mL	INTERMEDIATE		
IMIPINEM by AUTOMATED BROTH MICRODILUTION, CLSI Concentration: 1 µg/mL	RESISTANT		
MEROPENEM by AUTOMATED BROTH MICRODILUTION, CLSI Concentration: 1 µg/mL	INTERMEDIATE		
COLISTIN by AUTOMATED BROTH MICRODILUTION, CLSI Concentration: 0.06 µg/mL	RESISTANT		

INTERPRETATION:

1. In urine culture and sensitivity, presence of more than 100,000 organism per mL in midstream sample of urine is considered clinically significant. However in symptomatic patients, a smaller number of bacteria (100 to 10000/mL) may signify infection.
2. Colony count of 100 to 10000/ mL indicate infection, if isolate from specimen obtained by suprapubic aspiration or "in-and-out" catheterization or from patients with indwelling catheters.

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 ***





DR. VINAY CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY & MICROBIOLOGY)



DR. YUGAM CHOPRA
 CONSULTANT PATHOLOGIST
 MBBS, MD (PATHOLOGY)

