

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

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

NAME : Mr. ASHWANI PURI  
AGE/ GENDER : 65 YRS/MALE  
COLLECTED BY : SURJESH  
REFERRED BY :  
BARCODE NO. : 01515210  
CLIENT CODE. : KOS DIAGNOSTIC LAB  
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT  
PATIENT ID : 1583205  
REG. NO./LAB NO. : 012408170022  
REGISTRATION DATE : 17/Aug/2024 12:36 PM  
COLLECTION DATE : 17/Aug/2024 01:17PM  
REPORTING DATE : 19/Aug/2024 11:41AM

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

## MICROBIOLOGY

### CULTURE AEROBIC BACTERIA AND ANTIBIOTIC SENSITIVITY: URINE

#### CULTURE AND SUSCEPTIBILITY: URINE

DATE OF SAMPLE 17-08-2024  
SPECIMEN SOURCE URINE  
INCUBATION PERIOD 48 HOURS  
by AUTOMATED BROTH CULTURE

GRAM STAIN  
by MICROSCOPY

GRAM NEGATIVE (-ve)

CULTURE  
by AUTOMATED BROTH CULTURE  
ORGANISM  
by AUTOMATED BROTH CULTURE

POSITIVE (+ve)

ESCHERICHIA COLI (E.COLI)

#### AEROBIC SUSCEPTIBILITY: URINE

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

SENSITIVE

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

RESISTANT

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

SENSITIVE

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

SENSITIVE


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


RESISTANT

DOXYCYCLINE

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

<b>NAME</b>	: Mr. ASHWANI PURI	<b>PATIENT ID</b>	: 1583205
<b>AGE/ GENDER</b>	: 65 YRS/MALE	<b>REG. NO./LAB NO.</b>	: 012408170022
<b>COLLECTED BY</b>	: SURJESH	<b>REGISTRATION DATE</b>	: 17/Aug/2024 12:36 PM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 17/Aug/2024 01:17PM
<b>BARCODE NO.</b>	: 01515210	<b>REPORTING DATE</b>	: 19/Aug/2024 11:41AM
<b>CLIENT CODE.</b>	: KOS DIAGNOSTIC LAB		
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

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



  
 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

<b>NAME</b>	: Mr. ASHWANI PURI	<b>PATIENT ID</b>	: 1583205
<b>AGE/ GENDER</b>	: 65 YRS/MALE	<b>REG. NO./LAB NO.</b>	: 012408170022
<b>COLLECTED BY</b>	: SURJESH	<b>REGISTRATION DATE</b>	: 17/Aug/2024 12:36 PM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 17/Aug/2024 01:17PM
<b>BARCODE NO.</b>	: 01515210	<b>REPORTING DATE</b>	: 19/Aug/2024 11:41AM
<b>CLIENT CODE.</b>	: KOS DIAGNOSTIC LAB		
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
CEFIXIME <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	RESISTANT		
CEFOXITIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 8 µg/mL	INTERMEDIATE		
CEFTAZIDIME <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 4 µg/mL	SENSITIVE		
CEFTRIAXONE <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	SENSITIVE		
FOSFOMYCIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i> Concentration: 64 µg/mL	SENSITIVE		
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	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	RESISTANT		
CEFIPIME <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	SENSITIVE		



  
 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

<b>NAME</b>	: Mr. ASHWANI PURI	<b>PATIENT ID</b>	: 1583205
<b>AGE/ GENDER</b>	: 65 YRS/MALE	<b>REG. NO./LAB NO.</b>	: 012408170022
<b>COLLECTED BY</b>	: SURJESH	<b>REGISTRATION DATE</b>	: 17/Aug/2024 12:36 PM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 17/Aug/2024 01:17PM
<b>BARCODE NO.</b>	: 01515210	<b>REPORTING DATE</b>	: 19/Aug/2024 11:41AM
<b>CLIENT CODE.</b>	: KOS DIAGNOSTIC LAB		
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
Concentration: 2 µg/mL			
<b>DORIPENEM</b> by AUTOMATED BROTH MICRODILUTION, CLSI	SENSITIVE		
Concentration: 1 µg/mL			
<b>IMIPINEM</b> by AUTOMATED BROTH MICRODILUTION, CLSI	SENSITIVE		
Concentration: 1 µg/mL			
<b>MEROPENEM</b> by AUTOMATED BROTH MICRODILUTION, CLSI	SENSITIVE		
Concentration: 1 µg/mL			
<b>COLISTIN</b> by AUTOMATED BROTH MICRODILUTION, CLSI	SENSITIVE		
Concentration: 0.06 µg/mL			

**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)



