

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

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

NAME	: Dr. CHANDER MOHAN	PATIENT ID	: 1759247
AGE/ GENDER	: 85 YRS/Male	REG. NO./LAB NO.	: 012502160047
COLLECTED BY	:	REGISTRATION DATE	: 16/Feb/2025 02:56 PM
REFERRED BY	:	COLLECTION DATE	: 16/Feb/2025 02:58PM
BARCODE NO.	: 01525620	REPORTING DATE	: 16/Feb/2025 04:09PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

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

CLINICAL PATHOLOGY

URINE ROUTINE & MICROSCOPIC EXAMINATION

PHYSICAL EXAMINATION

QUANTITY RECEIVED	10	ml	
<i>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</i>			
COLOUR	PALE YELLOW		PALE YELLOW
<i>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</i>			
TRANSPARANCY	HAZY		CLEAR
<i>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</i>			
SPECIFIC GRAVITY	1.01		1.002 - 1.030
<i>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</i>			


CHEMICAL EXAMINATION


REACTION	NEUTRAL		
<i>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</i>			
PROTEIN	1+		NEGATIVE (-ve)
<i>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</i>			
SUGAR	Negative		NEGATIVE (-ve)
<i>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</i>			
pH	7		5.0 - 7.5
<i>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</i>			
BILIRUBIN	Negative		NEGATIVE (-ve)
<i>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</i>			
NITRITE	Negative		NEGATIVE (-ve)
<i>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY.</i>			
UROBILINOGEN	Normal	EU/dL	0.2 - 1.0
<i>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</i>			
KETONE BODIES	Negative		NEGATIVE (-ve)
<i>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</i>			
BLOOD	TRACE		NEGATIVE (-ve)
<i>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</i>			
ASCORBIC ACID	NEGATIVE (-ve)		NEGATIVE (-ve)
<i>by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY</i>			

MICROSCOPIC EXAMINATION

RED BLOOD CELLS (RBCs)	2-3	/HPF	0 - 3
<i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>			




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


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




TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.

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


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

NAME	: Dr. CHANDER MOHAN	PATIENT ID	: 1759247
AGE/ GENDER	: 85 YRS/Male	REG. NO./LAB NO.	: 012502160047
COLLECTED BY	:	REGISTRATION DATE	: 16/Feb/2025 02:56 PM
REFERRED BY	:	COLLECTION DATE	: 16/Feb/2025 02:58PM
BARCODE NO.	: 01525620	REPORTING DATE	: 16/Feb/2025 04:09PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
PUS CELLS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	15-18	/HPF	0 - 5
EPITHELIAL CELLS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	3-4	/HPF	ABSENT
CRYSTALS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	NEGATIVE (-ve)		NEGATIVE (-ve)
CASTS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	NEGATIVE (-ve)		NEGATIVE (-ve)
BACTERIA <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	NEGATIVE (-ve)		NEGATIVE (-ve)
OTHERS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	NEGATIVE (-ve)		NEGATIVE (-ve)
TRICHOMONAS VAGINALIS (PROTOZOA) <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	ABSENT		ABSENT

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	: Dr. CHANDER MOHAN	PATIENT ID	: 1759247
AGE/ GENDER	: 85 YRS/Male	REG. NO./LAB NO.	: 012502160047
COLLECTED BY	:	REGISTRATION DATE	: 16/Feb/2025 02:56 PM
REFERRED BY	:	COLLECTION DATE	: 16/Feb/2025 02:58PM
BARCODE NO.	: 01525620	REPORTING DATE	: 18/Feb/2025 04:55PM
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 : 16-02-2025
 SPECIMEN SOURCE : URINE
 INCUBATION PERIOD : 48 HOURS
by AUTOMATED BROTH CULTURE

GRAM STAIN : **GRAM NEGATIVE (-ve)**
by MICROSCOPY
CULTURE : **POSITIVE (+ve)**
by AUTOMATED BROTH CULTURE
 ORGANISM : Klrbsiella pneumoniae
by AUTOMATED BROTH CULTURE

AEROBIC SUSCEPTIBILITY: URINE

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

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


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


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

CIPROFLOXACIN : **SENSITIVE**
by AUTOMATED BROTH MICRოდILUTION, CLSI
 Concentration: 1 µg/mL

DOXYCYCLINE : **INTERMEDIATE**
by AUTOMATED BROTH MICRოდILUTION, CLSI




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


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



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.


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


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

NAME	: Dr. CHANDER MOHAN	PATIENT ID	: 1759247
AGE/ GENDER	: 85 YRS/Male	REG. NO./LAB NO.	: 012502160047
COLLECTED BY	:	REGISTRATION DATE	: 16/Feb/2025 02:56 PM
REFERRED BY	:	COLLECTION DATE	: 16/Feb/2025 02:58PM
BARCODE NO.	: 01525620	REPORTING DATE	: 18/Feb/2025 04:55PM
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>	RESISTANT		
Concentration: 16 µg/mL			
GENTAMICIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	SENSITIVE		
Concentration: 16 µg/mL			
NITROFURATOIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	RESISTANT		
Concentration: 16 µg/mL			
NORFLOXACIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	SENSITIVE		
Concentration: 4 µg/mL			
MINOCYCLINE <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	INTERMEDIATE		
Concentration: 4 µg/mL			
TOBRAMYCIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	SENSITIVE		
Concentration: 4 µg/mL			
AMIKACIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	SENSITIVE		
Concentration: 16 µg/mL			
AZETREONAM <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	INTERMEDIATE		
Concentration: 4 µg/mL			
CEFAZOLIN <i>by AUTOMATED BROTH MICRODILUTION, CLSI</i>	INTERMEDIATE		
Concentration: 16 µg/mL			
CEFIXIME	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	: Dr. CHANDER MOHAN	PATIENT ID	: 1759247
AGE/ GENDER	: 85 YRS/Male	REG. NO./LAB NO.	: 012502160047
COLLECTED BY	:	REGISTRATION DATE	: 16/Feb/2025 02:56 PM
REFERRED BY	:	COLLECTION DATE	: 16/Feb/2025 02:58PM
BARCODE NO.	: 01525620	REPORTING DATE	: 18/Feb/2025 04:55PM
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>	RESISTANT		
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	SENSITIVE		
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	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	: Dr. CHANDER MOHAN	PATIENT ID	: 1759247
AGE/ GENDER	: 85 YRS/Male	REG. NO./LAB NO.	: 012502160047
COLLECTED BY	:	REGISTRATION DATE	: 16/Feb/2025 02:56 PM
REFERRED BY	:	COLLECTION DATE	: 16/Feb/2025 02:58PM
BARCODE NO.	: 01525620	REPORTING DATE	: 18/Feb/2025 04:55PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

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

INTERPRETATION:

- 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.
- 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:

- 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..
- 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".
- 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:

- Patient is on antibiotics. Please repeat culture post therapy.
- Anaerobic bacterial infection.
- Fastidious aerobic bacteria which are not able to grow on routine culture media.
- Besides all these factors, at least in 25-40 % of cases there is no direct correlation between in vivo clinical picture.
- 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)

