

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

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

NAME	: Mrs. SHAKUNTALA DEVI	PATIENT ID	: 1812917
AGE/ GENDER	: 78 YRS/FEMALE	REG. NO./LAB NO.	: 012503310071
COLLECTED BY	:	REGISTRATION DATE	: 31/Mar/2025 04:53 PM
REFERRED BY	:	COLLECTION DATE	: 31/Mar/2025 04:56PM
BARCODE NO.	: 01528104	REPORTING DATE	: 31/Mar/2025 05:18PM
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	
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
COLOUR	AMBER YELLOW		PALE YELLOW
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
TRANSPARANCY	HAZY		CLEAR
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
SPECIFIC GRAVITY	<=1.005		1.002 - 1.030
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			

CHEMICAL EXAMINATION

REACTION	ACIDIC		
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
PROTEIN	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
SUGAR	TRACES		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
pH	5.5		5.0 - 7.5
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
BILIRUBIN	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
NITRITE	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
UROBILINOGEN	Normal	EU/dL	0.2 - 1.0
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
KETONE BODIES	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
BLOOD	1+		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
ASCORBIC ACID	NEGATIVE (-ve)		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			

MICROSCOPIC EXAMINATION




 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	: Mrs. SHAKUNTALA DEVI	PATIENT ID	: 1812917
AGE/ GENDER	: 78 YRS/FEMALE	REG. NO./LAB NO.	: 012503310071
COLLECTED BY	:	REGISTRATION DATE	: 31/Mar/2025 04:53 PM
REFERRED BY	:	COLLECTION DATE	: 31/Mar/2025 04:56PM
BARCODE NO.	: 01528104	REPORTING DATE	: 31/Mar/2025 05:18PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
RED BLOOD CELLS (RBCs) <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	2-5	/HPF	0 - 3
PUS CELLS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	30-40	/HPF	0 - 5
EPITHELIAL CELLS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	0-2	/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	: Mrs. SHAKUNTALA DEVI	PATIENT ID	: 1812917
AGE/ GENDER	: 78 YRS/FEMALE	REG. NO./LAB NO.	: 012503310071
COLLECTED BY	:	REGISTRATION DATE	: 31/Mar/2025 05:30 PM
REFERRED BY	:	COLLECTION DATE	: 31/Mar/2025 05:35PM
BARCODE NO.	: 01528104	REPORTING DATE	: 02/Apr/2025 05:17PM
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	31-03-2025
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	ESCHERICHIA COLI (E.COLI)
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	RESISTANT
by AUTOMATED BROTH MICRოდILUTION, CLSI	
Concentration: 1 µg/mL	




 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	: Mrs. SHAKUNTALA DEVI	PATIENT ID	: 1812917
AGE/ GENDER	: 78 YRS/FEMALE	REG. NO./LAB NO.	: 012503310071
COLLECTED BY	:	REGISTRATION DATE	: 31/Mar/2025 05:30 PM
REFERRED BY	:	COLLECTION DATE	: 31/Mar/2025 05:35PM
BARCODE NO.	: 01528104	REPORTING DATE	: 02/Apr/2025 05:17PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
DOXYCYCLINE <i>by AUTOMATED BROTH MICRოდILUTION, CLSI</i> Concentration: 4 µg/mL	SENSITIVE		
NALIDIXIC ACID <i>by AUTOMATED BROTH MICRოდILUTION, CLSI</i> Concentration: 16 µg/mL	RESISTANT		
GENTAMICIN <i>by AUTOMATED BROTH MICRოდILUTION, CLSI</i> Concentration: 16 µg/mL	SENSITIVE		
NITROFURATOIN <i>by AUTOMATED BROTH MICRოდILUTION, CLSI</i> Concentration: 16 µg/mL	INTERMEDIATE		
NORFLOXACIN <i>by AUTOMATED BROTH MICRოდILUTION, CLSI</i> Concentration: 4 µg/mL	INTERMEDIATE		
MINOCYCLINE <i>by AUTOMATED BROTH MICRოდILUTION, CLSI</i> Concentration: 4 µg/mL	SENSITIVE		
TOBRAMYCIN <i>by AUTOMATED BROTH MICRოდILUTION, CLSI</i> Concentration: 4 µg/mL	SENSITIVE		
AMIKACIN <i>by AUTOMATED BROTH MICRოდILUTION, CLSI</i> Concentration: 16 µg/mL	SENSITIVE		
AZETREONAM <i>by AUTOMATED BROTH MICRოდILUTION, CLSI</i> Concentration: 4 µg/mL	SENSITIVE		
CEFAZOLIN <i>by AUTOMATED BROTH MICRოდILUTION, CLSI</i>	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	: Mrs. SHAKUNTALA DEVI	PATIENT ID	: 1812917
AGE/ GENDER	: 78 YRS/FEMALE	REG. NO./LAB NO.	: 012503310071
COLLECTED BY	:	REGISTRATION DATE	: 31/Mar/2025 05:30 PM
REFERRED BY	:	COLLECTION DATE	: 31/Mar/2025 05:35PM
BARCODE NO.	: 01528104	REPORTING DATE	: 02/Apr/2025 05:17PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
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		
Concentration: 4 µg/mL			
CEFTRIAXONE by AUTOMATED BROTH MICRODILUTION, CLSI	SENSITIVE		
FOSFOMYCIN by AUTOMATED BROTH MICRODILUTION, CLSI	SENSITIVE		
Concentration: 64 µg/mL			
LEVOFLOXACIN by AUTOMATED BROTH MICRODILUTION, CLSI	RESISTANT		
Concentration: 2 µg/mL			
NETILMICIN SULPHATE by AUTOMATED BROTH MICRODILUTION, CLSI	SENSITIVE		
Concentration: 8 µg/mL			
PIPERACILLIN+TAZOBACTAM by AUTOMATED BROTH MICRODILUTION, CLSI	SENSITIVE		
Concentration: 16/4 µg/mL			
TICARCILLIN+CLAVULANIC ACID by AUTOMATED BROTH MICRODILUTION, CLSI	SENSITIVE		
Concentration: 16/2 µg/mL			
TRIMETHOPRIM+SULPHAMETHAZOLE by AUTOMATED BROTH MICRODILUTION, CLSI	RESISTANT		
Concentration: 2/38 µg/mL			




 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	: Mrs. SHAKUNTALA DEVI	PATIENT ID	: 1812917
AGE/ GENDER	: 78 YRS/FEMALE	REG. NO./LAB NO.	: 012503310071
COLLECTED BY	:	REGISTRATION DATE	: 31/Mar/2025 05:30 PM
REFERRED BY	:	COLLECTION DATE	: 31/Mar/2025 05:35PM
BARCODE NO.	: 01528104	REPORTING DATE	: 02/Apr/2025 05:17PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

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

NAME	: Mrs. SHAKUNTALA DEVI	PATIENT ID	: 1812917
AGE/ GENDER	: 78 YRS/FEMALE	REG. NO./LAB NO.	: 012503310071
COLLECTED BY	:	REGISTRATION DATE	: 31/Mar/2025 05:30 PM
REFERRED BY	:	COLLECTION DATE	: 31/Mar/2025 05:35PM
BARCODE NO.	: 01528104	REPORTING DATE	: 02/Apr/2025 05:17PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

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

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)

