



P K R JAIN HEALTHCARE INSTITUTE

NASIRPUR, Hissar Road, AMBALA CITY- (Haryana)

A PIONEER DIAGNOSTIC CENTRE

☎ 0171-2532620, 8222896961 ✉ pkrjainhealthcare@gmail.com

NAME : Miss. SHRUTI
AGE/ GENDER : 24 YRS/FEMALE
COLLECTED BY :
REFERRED BY :
BARCODE NO. : 12506687
CLIENT CODE. : P.K.R JAIN HEALTHCARE INSTITUTE
CLIENT ADDRESS : NASIRPUR, HISSAR ROAD, AMBALA CITY - HARYANA

PATIENT ID : 1734549
REG. NO./LAB NO. : 122501250015
REGISTRATION DATE : 25/Jan/2025 11:00 AM
COLLECTION DATE : 25/Jan/2025 11:36AM
REPORTING DATE : 25/Jan/2025 04:48PM

Test Name	Value	Unit	Biological Reference interval
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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	1.01		1.002 - 1.030
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			

CHEMICAL EXAMINATION


REACTION	ALKALINE		
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
PROTEIN	1+		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
SUGAR	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
pH	7.5		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	3+		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
ASCORBIC ACID	NEGATIVE (-ve)		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			

MICROSCOPIC EXAMINATION

RED BLOOD CELLS (RBCs)	25-30	/HPF	0 - 3
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			




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Test Name	Value	Unit	Biological Reference interval
PUS CELLS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	15-20	/HPF	0 - 5
EPITHELIAL CELLS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	1-3	/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




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MICROBIOLOGY

CULTURE AEROBIC BACTERIA AND ANTIBIOTIC SENSITIVITY: URINE

CULTURE AND SUSCEPTIBILITY: URINE

DATE OF SAMPLE 25-01-2025
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 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


SENSITIVE

DOXYCYCLINE
by AUTOMATED BROTH MICRODILUTION, CLSI

SENSITIVE




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




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by AUTOMATED BROTH MICRODILUTION, CLSI			
CEFOXITIN	SENSITIVE		
by AUTOMATED BROTH MICRODILUTION, CLSI			
Concentration: 8 µg/mL			
CEFTAZIDIME	SENSITIVE		
by AUTOMATED BROTH MICRODILUTION, CLSI			
Concentration: 4 µg/mL			
CEFTRIAZONE	RESISTANT		
by AUTOMATED BROTH MICRODILUTION, CLSI			
FOSFOMYCIN	SENSITIVE		
by AUTOMATED BROTH MICRODILUTION, CLSI			
Concentration: 64 µg/mL			
LEVOFLOXACIN	SENSITIVE		
by AUTOMATED BROTH MICRODILUTION, CLSI			
Concentration: 2 µg/mL			
NETILMICIN SULPHATE	SENSITIVE		
by AUTOMATED BROTH MICRODILUTION, CLSI			
Concentration: 8 µg/mL			
PIPERACILLIN+TAZOBACTAM	SENSITIVE		
by AUTOMATED BROTH MICRODILUTION, CLSI			
Concentration: 16/4 µg/mL			
TICARCILLIN+CLAVULANIC ACID	SENSITIVE		
by AUTOMATED BROTH MICRODILUTION, CLSI			
Concentration: 16/2 µg/mL			
TRIMETHOPRIM+SULPHAMETHAZOLE	SENSITIVE		
by AUTOMATED BROTH MICRODILUTION, CLSI			
Concentration: 2/38 µg/mL			
CEFIPIME	RESISTANT		
by AUTOMATED BROTH MICRODILUTION, CLSI			
Concentration: 2 µg/mL			




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Test Name	Value	Unit	Biological Reference interval
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DORIPENEM

by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 1 µg/mL

SENSITIVE

IMIPINEM

by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 1 µg/mL

SENSITIVE

MEROPENEM

by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 1 µg/mL

SENSITIVE

COLISTIN

by AUTOMATED BROTH MICRODILUTION, CLSI

Concentration: 0.06 µg/mL

SENSITIVE

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 ***



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