



# P K R JAIN HEALTHCARE INSTITUTE

NASIRPUR, Hissar Road, AMBALA CITY- (Haryana)

## A PIONEER DIAGNOSTIC CENTRE

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

**NAME** : Mrs. SUNAINA BEHL  
**AGE/ GENDER** : 44 YRS/FEMALE  
**COLLECTED BY** :  
**REFERRED BY** :  
**BARCODE NO.** : 12506126  
**CLIENT CODE.** : P.K.R JAIN HEALTHCARE INSTITUTE  
**CLIENT ADDRESS** : NASIRPUR, HISSAR ROAD, AMBALA CITY - HARYANA  
**PATIENT ID** : 1697411  
**REG. NO./LAB NO.** : 122412120016  
**REGISTRATION DATE** : 12/Dec/2024 02:51 PM  
**COLLECTION DATE** : 12/Dec/2024 02:53PM  
**REPORTING DATE** : 15/Dec/2024 09:57AM

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

### MICROBIOLOGY

#### CULTURE AEROBIC BACTERIA AND ANTIBIOTIC SENSITIVITY: URINE

##### CULTURE AND SUSCEPTIBILITY: URINE

DATE OF SAMPLE 12-12-2024  
SPECIMEN SOURCE URINE  
INCUBATION PERIOD 48 HOURS  
by AUTOMATED BROTH CULTURE  
**GRAM STAIN**  
by MICROSCOPY  
**CULTURE**  
by AUTOMATED BROTH CULTURE  
ORGANISM ESCHERICHIA COLI (E.COLI)  
by AUTOMATED BROTH CULTURE

##### AEROBIC SUSCEPTIBILITY: URINE

AMOXICILLIN+CLAVULANIC ACID RESISTANT  
by AUTOMATED BROTH MICODILUTION, CLSI  
Concentration: 8/4 µg/mL  
AMPICILLIN RESISTANT  
by AUTOMATED BROTH MICODILUTION, CLSI  
Concentration: 8 µg/mL  
AMPICILLIN+SULBACTAM RESISTANT  
by AUTOMATED BROTH MICODILUTION, CLSI  
Concentration: 8/4 µg/mL  
**CHLORAMPHENICOL**  
by AUTOMATED BROTH MICODILUTION, CLSI  
Concentration: 8 µg/mL  
CIPROFLOXACIN RESISTANT  
by AUTOMATED BROTH MICODILUTION, CLSI  
Concentration: 1 µg/mL  
**DOXYCYCLINE**  
by AUTOMATED BROTH MICODILUTION, CLSI



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

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





# P K R JAIN HEALTHCARE INSTITUTE

NASIRPUR, Hissar Road, AMBALA CITY- (Haryana)

**A PIONEER DIAGNOSTIC CENTRE**

☎ 0171-2532620, 8222896961

✉ pkrjainhealthcare@gmail.com

<b>NAME</b>	: Mrs. SUNAINA BEHL	<b>PATIENT ID</b>	: 1697411
<b>AGE/ GENDER</b>	: 44 YRS/FEMALE	<b>REG. NO./LAB NO.</b>	: 122412120016
<b>COLLECTED BY</b>	:	<b>REGISTRATION DATE</b>	: 12/Dec/2024 02:51 PM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 12/Dec/2024 02:53PM
<b>BARCODE NO.</b>	: 12506126	<b>REPORTING DATE</b>	: 15/Dec/2024 09:57AM
<b>CLIENT CODE.</b>	: P.K.R JAIN HEALTHCARE INSTITUTE		
<b>CLIENT ADDRESS</b>	: NASIRPUR, HISSAR ROAD, AMBALA CITY - HARYANA		

Test Name	Value	Unit	Biological Reference interval
Concentration: 4 µg/mL			
<b>NALIDIXIC ACID</b> by AUTOMATED BROTH MICRODILUTION, CLSI	RESISTANT		
Concentration: 16 µg/mL			
<b>GENTAMICIN</b> by AUTOMATED BROTH MICRODILUTION, CLSI	RESISTANT		
Concentration: 16 µg/mL			
<b>NITROFURATOIN</b> by AUTOMATED BROTH MICRODILUTION, CLSI	INTERMEDIATE		
Concentration: 16 µg/mL			
<b>NORFLOXACIN</b> by AUTOMATED BROTH MICRODILUTION, CLSI	RESISTANT		
Concentration: 4 µg/mL			
<b>MINOCYCLINE</b> by AUTOMATED BROTH MICRODILUTION, CLSI	SENSITIVE		
Concentration: 4 µg/mL			
<b>TOBRAMYCIN</b> by AUTOMATED BROTH MICRODILUTION, CLSI	RESISTANT		
Concentration: 4 µg/mL			
<b>AMIKACIN</b> by AUTOMATED BROTH MICRODILUTION, CLSI	RESISTANT		
Concentration: 16 µg/mL			
<b>AZETREONAM</b> by AUTOMATED BROTH MICRODILUTION, CLSI	RESISTANT		
Concentration: 4 µg/mL			
<b>CEFAZOLIN</b> by AUTOMATED BROTH MICRODILUTION, CLSI	RESISTANT		
Concentration: 16 µg/mL			



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

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





# P K R JAIN HEALTHCARE INSTITUTE

NASIRPUR, Hissar Road, AMBALA CITY- (Haryana)

**A PIONEER DIAGNOSTIC CENTRE**


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

<b>NAME</b>	: Mrs. SUNAINA BEHL	<b>PATIENT ID</b>	: 1697411
<b>AGE/ GENDER</b>	: 44 YRS/FEMALE	<b>REG. NO./LAB NO.</b>	: 122412120016
<b>COLLECTED BY</b>	:	<b>REGISTRATION DATE</b>	: 12/Dec/2024 02:51 PM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 12/Dec/2024 02:53PM
<b>BARCODE NO.</b>	: 12506126	<b>REPORTING DATE</b>	: 15/Dec/2024 09:57AM
<b>CLIENT CODE.</b>	: P.K.R JAIN HEALTHCARE INSTITUTE		
<b>CLIENT ADDRESS</b>	: NASIRPUR, HISSAR ROAD, AMBALA CITY - HARYANA		

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



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

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





# P K R JAIN HEALTHCARE INSTITUTE

NASIRPUR, Hissar Road, AMBALA CITY- (Haryana)

**A PIONEER DIAGNOSTIC CENTRE**

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

<b>NAME</b>	: Mrs. SUNAINA BEHL	<b>PATIENT ID</b>	: 1697411
<b>AGE/ GENDER</b>	: 44 YRS/FEMALE	<b>REG. NO./LAB NO.</b>	: 122412120016
<b>COLLECTED BY</b>	:	<b>REGISTRATION DATE</b>	: 12/Dec/2024 02:51 PM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 12/Dec/2024 02:53PM
<b>BARCODE NO.</b>	: 12506126	<b>REPORTING DATE</b>	: 15/Dec/2024 09:57AM
<b>CLIENT CODE.</b>	: P.K.R JAIN HEALTHCARE INSTITUTE		
<b>CLIENT ADDRESS</b>	: NASIRPUR, HISSAR ROAD, AMBALA CITY - HARYANA		

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

Concentration: 2 µg/mL

## 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 \*\*\*



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

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

