

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



KOS Diagnostic Lab (A Unit of KOS Healthcare)

ISO 9001 : 2008 CERTI	FIED LAB		EXCELLENCE IN HEALTHCARE	& DIAGNOSTICS	
	Dr. Vinay Cho MD (Pathology & Chairman & Cons	Microbiology)		(Pathology)	
NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. CLIENT ADDRESS	: Mrs. HIMANSHI GOEL : 26 YRS/FEMALE : : LOOMBA HOSPITAL (AMBAL/ : 01512731 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, A	I A CANTT) I	PATIENT ID REG. NO./LAB NO. REGISTRATION DATE COLLECTION DATE REPORTING DATE	: 1472415 <b>: 012407080023</b> : 08/Jul/2024 09:46 AM : 08/Jul/2024 09:50AM : 10/Jul/2024 11:09AM	
Test Name		Value	Unit	Biological Reference interval	
CULTURE AND SUSCI			BIOLOGY ID ANTIBIOTIC SENSIT	IVITY: URINE	
DATE OF SAMPLE SPECIMEN SOURCE INCUBATION PERIOE by AUTOMATED BROT GRAM STAIN by MICROSCOPY CULTURE by AUTOMATED BROT ORGANISM by AUTOMATED BROT	) H CULTURE	POSITIVE (	GATIVE (-ve)		
AEROBIC SUSCEPTIB AMOXICILLIN+CLAVU	ILITY: URINE JLANIC ACID 'H MICRODILUTION, CLSI	SENSITIVE			
AMPICILLIN by AUTOMATED BROTH Concentration: 8 μg/m	H MICRODILUTION, CLSI hL	RESISTANT			
AMPICILLIN+SULBAC by AUTOMATED BROTH Concentration: 8/4 µg	H MICRODILUTION, CLSI	RESISTANT			
CHLORAMPHENICOL by AUTOMATED BROT Concentration: 8 µg/m	TH MICRODILUTION, CLSI NL	SENSITIVE			
<b>CIPROFLOXACIN</b> <i>by AUTOMATED BROT</i> Concentration: 1 µg/m	TH MICRODILUTION, CLSI	SENSITIVE			
DOXYCYCLINE		SENSITIVE			
	DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROB	CONSUL	AM CHOPRA TANT PATHOLOGIST MD (PATHOLOGY)		







	<b>Dr. Vinay Ch</b> e MD (Pathology & Chairman & Cons		Dr. Yugam MD CEO & Consultant	(Pathology)
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<i>by AUTOMATED BRO</i> Concentration: 4 μg/n	TH MICRODILUTION, CLSI nL			
	TH MICRODILUTION, CLSI	INTERMEDIA	ATE	
<b>GENTAMICIN</b> <i>by AUTOMATED BROT</i> Concentration: 16 μg/	TH MICRODILUTION, CLSI mL	SENSITIVE		
<b>NITROFURATOIN</b> by AUTOMATED BROT Concentration: 16 μg/	<b>гн місгодіlution, clsi</b> ′mL	INTERMEDI	ATE	
NORFLOXACIN by AUTOMATED BROD Concentration: 4 μg/n	TH MICRODILUTION, CLSI nL	SENSITIVE		
<b>MINOCYCLINE</b> <i>by AUTOMATED BRO</i> Concentration: 4 μg/n	TH MICRODILUTION, CLSI nL	SENSITIVE		
<b>TOBRAMYCIN</b> by AUTOMATED BROT Concentration: 4 μg/n	TH MICRODILUTION, CLSI nL	SENSITIVE		
<b>AMIKACIN</b> <i>by AUTOMATED BRO</i> Concentration: 16 μg/	<b>TH MICRODILUTION, CLSI</b> YmL	SENSITIVE		
AZETREONAM <i>by AUTOMATED BROT</i> Concentration: 4 μg/n	H MICRODILUTION, CLSI nL	RESISTANT		
CEFAZOLIN <i>by AUTOMATED BROT</i> Concentration: 16 µg/	H MICRODILUTION, CLSI /mL	RESISTANT		
	DR.VINAY CHOPRA	JR.YUGAN	ofra I CHOPRA	

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

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		ChopraDr. Yugam Chopraogy & Microbiology)MD (Pathology)Consultant PathologistCEO & Consultant Pathologist		(Pathology)
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CEFOXITIN	<i>H MICRODILUTION, CLSI</i> <b>TH MICRODILUTION, CLSI</b> nL	RESISTANT SENSITIVE		
<b>CEFTAZIDIME</b> <i>by AUTOMATED BRO</i> Concentration: 4 μg/r	TH MICRODILUTION, CLSI nL	SENSITIVE		
CEFTRIAXONE by automated brot FOSFOMYCIN	H MICRODILUTION, CLSI	RESISTANT RESISTANT		
Concentration: 64 µg/	H MICRODILUTION, CLSI /mL	CENCITIVE		
LEVOFLOXACIN by AUTOMATED BRO Concentration: 2 µg/r	<b>TH MICRODILUTION, CLSI</b> nL	SENSITIVE		
NETLIMICIN SULPHA by AUTOMATED BRO Concentration: 8 μg/r	TH MICRODILUTION, CLSI	SENSITIVE		
PIPERACILLIN+TAZO by AUTOMATED BRO Concentration: 16/4	TH MICRODILUTION, CLSI	SENSITIVE		
TICARCILLIN+CLAVU by AUTOMATED BROT Concentration: 16/2 p	H MICRODILUTION, CLSI	RESISTANT		
TRIMETHOPRIM+SU by AUTOMATED BROT Concentration: 2/38	H MICRODILUTION, CLSI	RESISTANT		
CEFIPIME		RESISTANT		
	an	G	hopra	

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CLIENT CODE.	: KOS DIAGNOSTIC LAB	REP	DRTING DATE	: 10/Jul/2024 11:09AM
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Test Name		Value	Unit	Biological Reference interval
<i>by AUTOMATED BROT</i> Concentration: 2 μg/I	TH MICRODILUTION, CLSI ML			
<b>DORIPENEM</b> <i>by AUTOMATED BRO</i> Concentration: 1 μg/l	TH MICRODILUTION, CLSI mL	SENSITIVE		
<b>IMIPINEM</b> <i>by AUTOMATED BRO</i> Concentration: 1 µg/r	<b>TH MICRODILUTION, CLSI</b> mL	SENSITIVE		
<b>MEROPENEM</b> <i>by AUTOMATED BRO</i> Concentration: 1 μg/l	TH MICRODILUTION, CLSI mL	SENSITIVE		
COLISTIN by AUTOMATED BRO Concentration: 0.06	<i>TH MICRODILUTION, CLSI</i> 1g/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 suprapublic aspiration or "in-and-out" catheterization or from patients with indwelling catheters.

## SUSCEPTIBILITY:

1. A test interpreted as SENSTITIVE 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

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.





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\*\*\* End Of Report \*\*\*