


Laboratory Investigation Report

Patient Name	Centre
Age/Gender	OP/IP No/Max ID/Mobile
MaxID/Lab ID	Collection Date/Time
Ref Doctor	Reporting Date/Time

Microbiology


SIN No: B2B2151945

Urine Culture & Sensitivity
Method : Semi quantitative-Culture/ID & Sensitivity by Vitek 2

Culture
Organism Isolated : Escherichia coli

Colony Count : $\geq 10^5$ cfu/ml

Comment : As per CLSI : Fosfomycin result are valid only for urinary Isolates of E.coli. & E. faecalis.

Susceptibility Testing
Organism Isolated : Escherichia coli

Antibiotic Name	Interpretation	MIC Value (µgm/ml)	MIC Range (µgm/ml)
Ertapenem	Sensitive	≤ 0.5	$\leq 0.5 - \geq 2$
Fosfomycin	Sensitive	≤ 16	$\leq 64 - \geq 256$
Trimethoprim/Sulfamethoxazole	Sensitive	≤ 20	$\leq 2/38 - \geq 4/76$
Amikacin	Sensitive	16	$\leq 16 - \geq 64$
Amoxicillin/Clavulanic Acid	Intermediate	16	$\leq 8/4 - \geq 32/16$
Cefixime	Resistant	≥ 4	$\leq 1 - \geq 4$
Ceftazidime	Resistant	16	$\leq 4 - \geq 16$
Ceftriaxone	Resistant	≥ 64	$\leq 1 - \geq 4$
Ciprofloxacin	Resistant	≥ 4	$\leq 0.25 - \geq 1$
Gentamicin	Resistant	≥ 16	$\leq 4 - \geq 16$
Nitrofurantoin	Resistant	128	$\leq 32 - \geq 128$
Norfloxacin	Resistant	≥ 16	$\leq 4 - \geq 16$
Ofloxacin	Resistant	≥ 8	$\leq 2 - \geq 8$
Ampicillin	Resistant	≥ 32	$\leq 8 - \geq 32$
Piperacillin/Tazobactam	Susceptibility Dose Dependent		$\leq 16/4 - \geq 128/4$

Comment

Urine pus cells /HPF	Colony count	Interpretation
<5	10^3	Insignificant growth, more likely to be a colonizer. To be treated only if the patient is symptomatic
<5	10^4	Moderately significant growth. Should be correlated clinically and to be treated only if the patient is symptomatic
<5	10^5	Significant growth. Should be treated if the patient is clinically

Booking Centre Address : 3423 - Healthassure Private Limited Delhi, 1st Floor, Excom House, North Wing, 7 Saki-Vihar Road, Sakinaka, Andheri East, Mumbai City, Maharashtra, 2261676633

The authenticity of the report can be verified by scanning the Q R Code on top of the page

Test performed at : 7947 Max Hospital - Vaishali, W-3, Sector-19, Vaishali, Ghaziabad-201012, U.P

Conditions of Reporting: 1. The tests are carried out in the lab with the presumption that the specimen belongs to the patient name as identified in the bill/test request form. 2. The results relate specifically to the sample received in the lab and are presumed to have been generated and transported per specific instructions given by the physicians/laboratory. 3. The results are for the information and interpretation by the referring doctor only. 4. Some tests are referred to other laboratories to provide a wider test menu to the customer. 5. Max shall in no event be liable for accidental damages loss, or destruction of specimen which is not attributable to any direct and mala fide act or omission of Max Healthcare or its Liability of Max Healthcare for deficiency of services, or other errors and omissions shall be limited to fee paid by the patient for the relevant laboratory services.





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		symptomatic
>5	10 ³ / 10 ⁴ / 10 ⁵	Significant growth. Should be treated if the patient is clinically symptomatic
5 - 10	No growth	Kindly rule out the cause of sterile pyuria i.e Is the patient on antibiotics Or anyother systemic illness (e.g TB /STD)
>5	Mixed growth	Mixed growth of more than two types of organisms indicating specimen colonization. Kindly send mid-stream urine sample after proper collection.

Kindly correlate with clinical findings

*** End Of Report ***

Saloni
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 Senior Consultant Microbiology

