

# Microbiology Report

Proteus Laboratories

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Microbiology R  
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Name		Specimen	141281	Status	Final
Patient ID	141281	Source	URINE	Status Date	06-Jun-20
Date of Birth		Ward of Iso		Collected	06-Jun-20
Attd. Phys				Req Phys	

**GNB Escherichia coli**

Status: Final

06-Ju

**GNB E. coli**

Drug	MIC	Interps
Amikacin	<=16	S
Amox/K Clav	<=8/4	S
Amp/Sulbactam	16/8	I
Ampicillin	>16	R
Aztreonam	<=1	S
Cefepime	<=1	S
Cefotaxime	<=1	S
Cefotaxime/K Clavulanate	<=0.5	
Cefoxitin	<=8	S
Ceftazidime	<=1	S
Ceftazidime/K Clavulanate	<=0.25	
Cefuroxime	<=8	S
Cephalothin	16	I
Ciprofloxacin	>2	R
Colistin	<=2	S
Ertapenem	<=0.5	S
Fosfomycin	<=64	N/R
Gentamicin	>8	R
Imipenem	<=1	S
Levofloxacin	>4	R
Meropenem	<=1	S
Nalidixic Acid	>16	R
Nitrofurantoin	<=32	S
Norfloxacin	>8	R
Pip/Tazo	<=16	S
Tigecycline	<=1	S
Tobramycin	>8	R
Trimeth/Sulfa	<=2/38	S

S = Susceptible	N/R = Not Reported	Blank = Data not available, or drug not advisable or tested
I = Intermediate	--- = Not Tested	ESBL = Extended spectrum beta-lactamase
R = Resistant	POS = Positive	Blac = Beta-lactamase positive
MIC = mcg/ml (mg/L)	NEG = Negative	TFG = Thymidine-dependent strain

S\* = Predicted susceptible interpretation  
R\* = Predicted resistant interpretation  
EBL? = Suspected ESBL. Confirmatory tests needed to differentiate ESBL from other beta-lactamases.  
IB = Inducible Beta-lactamase. Appears in place of "Susceptible" with species known to possess inducible beta-lactamases; potentially they may become resistant to all beta-lactam drugs. Monitoring of patients during/after therapy is recommended. Avoid other/combined beta-lactam drugs.

<sup>A</sup> = Reported interpretation changed

For blood and CSF Isolates, a beta-lactamase test is recommended for Enterococcus species.

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Printed 06-Jun-20 3:07 PM

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