

Percentage (%) resistance of Antibiotics for the Year 2024

Organism (Gram Negatives)	Specimen	No. of isolates	AMC	CTX	CRO	IPM	MEM	TZP	AK	CN	TOB	DO	CIP	LEV	SXT	F	FOS
Escherichia coli	Routine	488	87.10%	76.30%	NT	20.29%	21.1	35.30%	24.40%	58.00%	64.80%	NT	65.60%	68.50%	69.90%	NT	NT
	Blood	215	93.40%	82.80%	NT	16.28%	14.80%	30.20%	25.10%	60.90%	67.50%	NT	73.00%	76.70%	68.80%	NT	NT
	Urine	8233	81.40%	71.10%	NT	9.70%	9.80%	15.30%	16.90%	47.20%	54.30%	NT	66.60%	69.20%	67%	10.90%	8.80%
Klebsiella spp.	Routine	289	32.80%	65.40%	NT	30.80%	30.10%	37.40%	32.80%	55.40%	58.10%	NT	47.10%	52.90%	57.80%	NT	NT
	Blood	116	91.30%	98.60%	NT	56.00%	54.32%	64.70%	56.90%	97.30%	75.00%	NT	63.80%	69.80%	72.40%	NT	NT
	Urine	1384	65.90%	52.40%	NT	18.40%	18.60%	25.50%	20.10%	39.60%	47.40%	NT	49.30%	54.70%	53.10%	48.00%	27.00%
Proteus spp.	Routine	89	65.10%	55.10%	NT	NT	8.90%	12.40%	19.10%	67.40%	68.50%	IR	52.80%	58.40%	80.90%	IR	NT
	Urine	144	54.90%	38.90%	NT	NT	8.40%	13.20%	20.20%	54.90%	61.20%	IR	53.50%	54.20%	71.60%	IR	34.80%
Enterobacter spp.	Routine	71	IR	57.80%	NT	32.40%	29.58%	45.10%	39.40%	64.80%	67.60%	NT	42.26%	52.10%	46.50%	NT	NT
	Blood	37	IR	56.80%	NT	27.00%	21.63%	32.40%	29.70%	54.10%	54.10%	NT	35.10%	43.30%	29.70%	NT	NT
	Urine	75	IR	44%	NT	21.34%	17.34%	21.30%	28.00%	49.30%	50.70%	NT	34.70%	44.00%	24.00%	58.60%	25.30%
Serratia spp.	Routine	127	IR	74.00%	NT	56.70%	47.30%	58.30%	63.78%	74.80%	76.40%	NT	73.20%	72.50%	70.90%	IR	NT
	Blood	35	IR	65.70%	NT	40.00%	28.60%	48.60%	48.58%	74.20%	74.30%	NT	62.90%	62.90%	54.30%	IR	NT
Citrobacter spp.	Routine		IR	88.20%	NT	24.20%	17.70%	29.40%	5.90%	29.42%	29.40%	NT	23.50%	23.50%	29.40%	NT	NT
	Urine	50	IR	6.00%	NT	4.00%	4.00%	2.00%	2.00%	6.00%	8.00%	NT	8.00%	14.00%	12.00%	20.00%	2.00%

Organism	Specimen	No. of isolates	AMP	C	SXT	CIP	CFM	CRO	MEM	AZM
Salmonella Typhi/Salmonella spp.	Routine	14	60.00%	93.34%	40.00%	46.70%	40.00%	40.00%	6.70%	0.00%
	Blood	463	85.90%	84.00%	71.90%	65.70%	82.10%	92.00%	6.30%	0.00%
Salmonella Paratyphi A/Salmonella spp.	Routine	1	0%	NT	0%	0%	0%	NT	NT	
	Blood	78	2.57%	14.10%	2.57%	21.80%	5.13%	62.80%	NT	NT

Organism	Specimen	No. of isolates	CAZ	FEP	IPM	MEM	TZP	AK	CN	TOB	MIN	DO	CIP	LEV	SXT
Acinetobacter spp.	Routine	220	96.30%	80.90%	78.64%	78.19%	79.10%	72.30%	77.30%	68.60%	45.00%	NT	80.90%	80.90%	73.60%
	Blood	98	90.80%	64.30%	53.00%	53.00%	58.20%	50.00%	65.30%	60.20%	63.30%	NT	54.10%	64.30%	63.30%
	Urine	31	96.80%	35.50%	16.10%	19.40%	16.10%	22.60%	29.00%	38.70%	NT	NT	35.50%	38.70%	19.40%

Organism	Specimen	No. of isolates	CAZ	FEP	IPM	MEM	TZP	AK	CN	TOB	CIP	LEV	SXT
Pseudomonas aeruginosa	Routine	652	43.10%	43.90%	84.01%	42.34%	37.74%	36.97%	48.87%	53.99%	54.76%	61.97%	IR
	Blood	32	9.40%	9.40%	15.63%	18.75%	9.38%	9.38%	12.50%	12.50%	12.50%	18.75%	IR
	Urine	653	43%	44%	48.00%	42.30%	37.70%	36.90%	48.40%	53.90%	54.70%	62%	IR
Pseudomonas spp	Routine	57	28.10%	19.30%	21.06%	19.30%	17.55%	14.04%	45.62%	75.44%	19.30%	47.37%	98.25%
	Blood	4	25.00%	25.00%	0%	0%	0%	0%	0%	0%	0%	0%	100%
	Urine	36	27.80%	22%	36.12%	25.00%	14%	44.50%	66.67%	80.56%	50.00%	69.45%	94.45%

Organism	Specimen	No. of isolates	CAZ	LEV	MEM	MIN	SXT
Burkholderia spp	Routine	18	22.23%	22.23%	11.12%	27.78%	16.67%
	Blood	52	9.62%	30.77%	7.70%	53.85%	17.31%
	Urine	42	12%	59.60%	15%	42.90%	38.10%
Stenotrophomonas maltophilia	Routine	42	35.72%	7.15%	IR	33.34%	11.91%

Organism (Gram positives)	Specimen	No. of isolates	FOX	E	DA	AK	CN	DO	CIP	LEV	SXT	TEC	VA	LZD	FA	F
Staphylococcus aureus	Routine	634	76.50%	55.84%	24.45%	41.49%	23.51%	69.25%	70.83%	79.82%	29.96%	NT	0%	1.00%	35.18%	NT
	Blood	147	77.56%	61.23%	38.78%	53.75%	22.45%	NT	72.11%	80.96%	34.02%	NT	0%	NT	NT	NT
	Urine	158	58.10%	NT	NT	25.40%	13.30%	NT	64.80%	71.40%	15.50%	NT	0.00%	0.80%	NT	2.30%
Coagulase negative Staphylococcus	Blood		97.78%	83.84%	44.45%	62.89%	62.89%	82.48%	64.95%	82.48%	57.74%	NT	0%	12.38%	NT	NT

Organism	Specimen	No. of isolates	AMC	DO	CIP	LEV	VA	LZD	F	FOS
Enterococcus spp.	Routine	127	27.56%	NT	75.60%	72.45%	4.73%	15.80%	NT	NT
	Blood	37	40.55%	NT	72.98%	75.68%	10.82%	0%	NT	NT
	Urine	850	32.90%	NT	73%	77%	6%	3%	12.20%	17%

Organism	Specimen	No. of isolates	AMP/P	CRO	E	DA	CIP	LEV	VA	SXT	C
Streptococcus pneumoniae	Routine	21	19.05%	19.05%	38.10%	28.58%	38.10%	9.53%	0%	66.67%	71.43%
Streptococcus pyogenes	Routine	27	0%	33.34%	37.04%	48.15%	51.86%	14.82%	0%	96.30%	77.78%
Streptococcus spp. β-haemolytic group	Routine	2	0%	NT	0%	50.00%	NT	0%	0%	NT	0%
	Urine	4	25%	25%	NT	NT	NT	50%	0%	NT	NT

Code	Antibiotic
AK	Amikacin
AMC	Amoxicillin-Clavulanic acid
AMP	Ampicillin
AZM	Azithromycin
C	Chloramphenicol
CAZ	Ceftazidime
CFM	Cefixime
CRO	Ceftriaxone
CTX	Cefotaxime
DA	Clindamycin
DO	Doxycycline
E	Erythromycin
F	Nitrofurantoin
FD	Fusidic acid
FEP	Cefepime
FOS	Fosfomycin
IPM	Imipenem
LEV	Levofloxacin
LZD	Linezolid
MEM	Meropenem
MINO	Minocycline
FOX	Cefoxitin
P	Penicillin
SXT	Co-trimoxazole
TEC	Teicoplanin
TOB	Tobramycin
TZP	Piperacillin/tazobactam
VA	Vancomycin
IR	Intrinsic resistance
NT	Not tested