



An antibiogram is an overall profile of antimicrobial susceptibility testing results of a specific microorganism to a battery of antimicrobial drugs. Antibiograms help guide the clinician and pharmacist in selecting the best empiric antimicrobial treatment in the event of pending microbiology culture and susceptibility results. They are also useful tools for detecting and monitoring trends in antimicrobial resistance.

The %value represent the **percentage susceptible** isolates against particular antibiotic.

Organism	Specimen	No. of isolates	AMC	CTX	CRO	IPM	MEM	TZP	AK	CN	TOB	DO	CIP	LEV	SXT	F	FOS
Escherichia coli	Total	10817	47.16%	27.57%	28.06%	92.52%	92.55%	81.58%	93.94%	66.50%	53.11%	30.32%	22.52%	22.05%	28.11%	87.62%	93.83%
	Blood	305	35.64%	10.60%	12.50%	88.52%	88.52%	63.61%	94.10%	59.67%	41.27%	38.31%	15.08%	12.96%	26.56%	NT	NT
	Urine	7866	50.13%	30.24%	30.72%	94.71%	94.73%	86.12%	95.23%	67.38%	54.33%	29.57%	22.80%	22.56%	28.18%	87.62%	93.83%
Klebsiella spp	Total	4529	40.52%	29.72%	29.71%	76.19%	76.22%	64.68%	78.21%	62.75%	53.69%	40.56%	30.44%	31.86%	33.87%	57.88%	NT
	Blood	214	19.72%	12.08%	11.68%	38.32%	38.32%	35.98%	43.93%	35.05%	31.22%	41.41%	28.04%	31.58%	31.60%	NT	NT
	Urine	2401	45.75%	34.31%	34.49%	84.70%	84.70%	72.14%	84.83%	69.00%	58.71%	40.09%	32.62%	33.88%	34.70%	57.88%	NT
Proteus spp	Total	1039	57.85%	62.44%	62.29%	NT	96.53%	94.41%	83.61%	58.77%	51.17%	IR	38.13%	39.34%	19.67%	IR	NT
	Urine	228	43.72%	71.56%	71.81%	NT	97.81%	97.81%	91.67%	64.91%	58.05%	IR	40.97%	43.02%	24.89%	IR	NT
	Total	288	IR	37.27%	35.42%	72.22%	72.13%	64.21%	75.69%	56.94%	50.21%	50.18%	44.25%	48.39%	47.00%	50.00%	NT
Enterobacter spp	Total	61	IR	40.68%	39.34%	60.66%	60.66%	54.24%	73.77%	55.74%	48.08%	65.45%	57.38%	65.79%	52.46%	NT	NT
	Blood	60	IR	38.78%	31.67%	86.67%	86.44%	75.00%	73.33%	61.67%	53.06%	50.00%	26.67%	32.61%	47.46%	50.00%	NT
	Urine	282	IR	23.55%	24.01%	47.50%	46.98%	43.07%	50.36%	28.47%	23.00%	51.00%	21.90%	25.73%	54.12%	IR	NT
Serratia spp	Total	102	IR	16.00%	16.83%	21.28%	22.77%	21.57%	39.60%	17.82%	14.06%	52.87%	15.69%	20.93%	63.73%	IR	NT
	Blood	114	IR	55.26%	55.26%	94.74%	94.74%	90.35%	93.86%	83.33%	74.55%	48.67%	51.79%	52.78%	48.25%	69.51%	NT
	Urine	82	IR	51.22%	51.22%	96.34%	96.34%	91.46%	92.68%	80.49%	70.00%	48.78%	47.50%	49.37%	47.56%	69.51%	NT

Organism	Specimen	No. of isolates	AMP	C	SXT	CIP	CFM	CRO	MEM	AZM
Salmonella Typhi	Total	1561	19.73%	21.11%	21.08%	1.15%	40.06%	40.06%	100.00%	100.00%
	Blood	1541	19.92%	21.28%	21.28%	1.10%	40.12%	40.12%	100.00%	100.00%
	Total	231	100.00%	99.12%	99.13%	4.33%	100.00%	100.00%	NT	NT
Salmonella Paratyphi A	Blood	228	100.00%	99.12%	99.12%	3.51%	100.00%	100.00%	NT	NT

Organism	Specimen	No. of isolates	CAZ	FEP	IPM	MEM	TZP	AK	CN	TOB	MINO	DO	CIP	LEV	SXT
Acinetobacter spp	Total	1149	13.75%	10.86%	22.60%	22.60%	20.72%	31.28%	33.54%	62.28%	90.34%	69.41%	18.73%	19.50%	28.42%
	Blood	217	26.89%	27.61%	35.48%	35.94%	33.33%	43.81%	48.39%	69.46%	87.23%	78.39%	34.56%	45.56%	39.07%
	Urine	86	41.03%	27.27%	64.71%	64.71%	62.79%	63.53%	58.14%	59.42%	NT	66.22%	47.67%	48.48%	53.01%

Organism	Specimen	No. of isolates	CAZ	FEP	IPM	MEM	TZP	AK	CN	TOB	CIP	LEV	SXT
Pseudomonas aeruginosa	Total	2996	67.27%	62.47%	77.28%	77.41%	77.06%	78.26%	68.61%	69.79%	57.62%	55.89%	IR
	Blood	61	68.85%	65.57%	62.30%	62.30%	68.85%	79.66%	77.97%	78.26%	73.77%	72.00%	IR
	Urine	709	64.16%	59.04%	75.74%	75.74%	76.02%	77.97%	69.82%	67.01%	53.62%	56.18%	IR
Pseudomonas spp	Total	448	66.89%	58.78%	78.92%	78.03%	78.75%	72.77%	60.27%	60.68%	49.66%	51.83%	53.28%
	Blood	55	81.82%	80.00%	94.55%	92.73%	87.04%	87.27%	87.27%	75.56%	87.04%	95.65%	74.47%
	Urine	241	62.08%	53.56%	73.03%	71.78%	71.37%	68.46%	49.38%	50.00%	34.02%	31.33%	39.00%

Organism	Specimen	No. of isolates	CAZ	LEV	MEM	MINO	SXT
Burkholderia spp	Total	241	74.58%	56.17%	84.58%	37.04%	76.15%
	Blood	134	78.36%	70.90%	85.82%	30.00%	78.20%
	Urine	45	71.11%	20.93%	93.18%	42.86%	63.64%
Stenotrophomonas maltophilia	Total	132	58.78%	80.31%	IR	91.18%	83.33%

Organism	Specimen	No. of isolates	OXA	E	DA	AK	CN	DO	CIP	LEV	SXT	TEC	VA	LZD	FD	F
Staphylococcus aureus	Total	5161	37.59%	38.57%	80.97%	94.33%	73.83%	84.34%	24.16%	46.43%	70.68%	99.96%	100.00%	100.00%	90.52%	98.21%
	Blood	157	33.97%	35.67%	70.06%	93.75%	73.89%	88.51%	22.37%	83.33%	69.03%	100.00%	100.00%	100.00%	78.34%	NT
	Urine	226	52.68%	NT	NT	93.58%	77.78%	89.35%	26.70%	42.86%	83.56%	NT	100.00%	100.00%	NT	98.19%
Coagulase negative Staphylococcus	Total	5254	37.87%	25.33%	73.15%	91.19%	76.36%	88.11%	42.50%	65.89%	52.56%	95.73%	100.00%	99.35%	53.43%	96.74%
	Blood	3825	37.89%	26.04%	78.08%	95.65%	83.55%	91.69%	48.04%	67.22%	54.33%	95.25%	100.00%	99.71%	51.95%	NT
	Urine	182	53.85%	NT	NT	87.91%	68.13%	74.12%	35.20%	83.33%	64.00%	NT	100.00%	100.00%	NT	97.22%

Organism	Specimen	No. of isolates	AMP	DO	CIP	LEV	VA	LZD	F	FOS
Enterococcus spp	Total	2350	72.85%	46.81%	22.63%	25.73%	97.65%	99.96%	87.60%	74.85%
	Blood	106	56.60%	70.59%	32.22%	37.50%	93.40%	100.00%	NT	NT
	Urine	1869	74.64%	42.10%	20.56%	24.26%	97.59%	100.00%	87.65%	74.88%

Organism	Specimen	No. of isolates	AMP/P	CRO	E	DA	CIP	LEV	VA	SXT	C
Streptococcus pneumoniae	Total	70	100.00%	100.00%	69.35%	77.78%	86.21%	91.67%	100.00%	36.36%	97.73%
Streptococcus pyogenes	Total	187	100.00%	100.00%	57.54%	62.30%	84.09%	83.33%	100.00%	62.50%	93.85%
Streptococcus spp. β-haemolytic group	Total	336	100.00%	100.00%	60.23%	61.20%	58.99%	64.07%	100.00%	31.58%	93.04%
	Urine	150	100.00%	100.00%	NT	NT	51.25%	50.00%	100.00%	NT	NT
Streptococcus spp. viridans group	Total	443	92.40%	97.45%	70.07%	75.06%	70.95%	74.40%	100.00%	84.62%	97.98%
	Blood	70	90.00%	98.46%	70.31%	81.54%	83.87%	55.56%	100.00%	88.89%	100.00%

Code	Antibiotic Name
AK	Amikacin
AMC	Amoxicillin-Clavulanic acid
AMP	Ampicillin
AZM	Azithromycin
C	Chloramphenicol
CAZ	Ceftazidime
CFM	Cefixime
CIP	Ciprofloxacin
CN	Gentamicin
CRO	Ceftriaxone
CTX	Cefotaxime
DA	Clindamycin
DO	Doxycycline
E	Erythromycin
F	Nitrofurantion
FD	Fusidic Acid
FEP	Cefepime
FOS	Fosfomycin
IPM	Imipenem
LEV	Levofloxacin
LZD	Linezolid
MEM	Meropenem
MINO	Minocycline
OXA	Oxacillin
P	Penicillin
SXT	Trimethoprim-Sulphamethoxazole
TEC	Teicoplanin
TOB	Tobramycin
TZP	Piperacillin-Tazobactam
VA	Vancomycin
IR*	Intrinsic Resistance
NT	Not Tested

*Intrinsic resistance (IR) is the innate ability of a type of bacteria species to resist the action of an antibiotic as a consequence of the bacteria's structural or functional characteristics.