Adults - Common Gram-Negative Bacteria, % Susceptible by Patient Location~

ANTIBIOGRAM 1/1/2025-12/31/2025				Amino pen	B-LACTAMASE INHIBITOR COMBOS		CEPHALOSPORINS 1ST	2ND	3RD	4TH	AG	FQ	CARBA-PENEM	OTHERS			
Green: ≥85%Susceptible Orange: 50-84% Susceptible Red: <50% Susceptible	BODY SITE	LOCATION	Total # of isolates	Ampicillin	Ampicillin/Sulbactam	Piperacillin/Tazobactam	Cefazolin	Cefoxitin	Ceftriaxone	Cefepime	Gentamicin	Levofloxacin	Meropenem *Restricted*	Aztreonam *Restricted*	Nitrofurantoin	SMX/TMP *IV Form Restricted*	Tetracycline (*Doxycycline*
GRAM NEGATIVE																	
Acinetobacter baumannii	ALL	OP	23Ʊ†		83				R	52	57	R	R			52	R
		IN	17Ʊ†		R					R	R	R	R			R	
		ICU	*Insufficient data to report*														
Citrobacter	ALL	OP	44Ʊ	R	R	91	R	R	68	98	91	93	100	80	100	84	80
		IN	14Ʊ†	R	R	100	R	R	79	100	93	100	100	79		86	86
		ICU	*Insufficient data to report*														
Enterobacter cloacae	ALL	OP	60	R	R	90	R	R	72↑	95	92	92	100	78	54↑	83	88
		IN	41 €	R	R	90	R	R	78	93	88↓	83↓	100	78		90	78↓
		ICU	18Ʊ†	R	R	89	R	R	72	100	100	100	100	67		89	94
Escherichia coli	URINE	OP	584	56	62	99	91	97	98	100	95	87	100	99	98	79	80
		IN	39	62	62	97	90	95	97	100	95	87	100	97	100	79	77
		ICU	11Ʊ†	64↓	73↓	100	100	100	100	100	91	73↓	100	100	91	82↓	100
	Non-Urine	OP	146	R	57	99	92	96	98	99	92	86	100	99		75	70
		IN	32	53	63	94	91	94	94	97	97	78	100	97		88↑	84
		ICU	37Ʊ	51	57	100	84	95	97	100	97	86	100	100		89	76
Klebsiella oxytoca	ALL	OP	36	R	69	100	53	100	92	94	92	100	100	97	92	92	86 ↓
		IN	31Ʊ	R	58	90	R	100	84	97	90	100	100	81		90	90
		ICU	14Ʊ†	R	50	93	57	100	93	93	100	100	100	93		100	93
Klebsiella pneumoniae	URINE	OP	152	R	73	97	77	94	79	80	92	93	100	80	61	79	80
		IN	48Ʊ	R	77	100	81	94	83	83	88	92	100	83	R ↓	79	79
		ICU	*Insufficient data to report*														
	Non-Urine	OP	45	R	73	93	84	89	84	87	93	98	100	84		80	82
		IN	23†	R	70↑	96	70	100↑	70	70	91	96	100	70		70 ↓	78
		ICU	10†	R	R	80↓	50↓	100↑	60↓	60↓	70↓	90↑	100	60↓		70	80↑
Klebsiella variicola	ALL	OP	35 €	R	94	100	94	94	97	100	100	100	100	100	93	100	91
		IN	19Ʊ†	R	95	100	95	95	95	95	95	95	100	95		95	84
		ICU	14Ʊ†	R	93	100	93	100	100	100	100	100	100	100		100	100
Morganella morganii	ALL	OP	49Ʊ	R	R	98	R	84	88	98	94	86	98	98	R	84	R
		IN	22Ʊ†	R	R	100	R	95	95	95	91	95	100	95		95	64
		ICU	*Insufficient data to report*														
Proteus mirabilis	URINE	OP	87	66	87	100	69 ↓	100	78	78	89	68	100	78	R	71	R
		IN	28Ʊ†	64↓	79	100	61↓	93	71↓	71↓	89	61↓	100	71↓	R	75↓	R
		ICU	*Insufficient data to report*														
	Non-Urine	OP	51	73	92	100	82	100	82	82	86↓	73	100	82		69↓	R
		IN	26†	73↓	85↓	100	81	100	88	88	96	73↓	100	88		77	R
		ICU	25Ʊ†	72	92	100	72	96	72	72	88	60	100	72		68	R
Proteus vulgaris	ALL	OP	30Ʊ	R	83	97	R	97	53	100	100	100	100	87		97	R
		IN	16Ʊ†	R	75	94	R	100	50	100	94	100	100	81		94	R
		ICU	*Insufficient data to report*														
Providencia stuartii	ALL	OP	31Ʊ	R	R	94	R	87	68	87	R	R	100	84	R	68	R
		IN	11Ʊ†	R	R	100	R	100	64	91	R	R	100	82		91	R
		ICU	*Insufficient data to report*														
Pseudomonas aeruginosa	URINE	OP	61			98				97	90↑	85	97	87↑			
		IN	32Ʊ			91				84	94	88	97	84			
		ICU	*Insufficient data to report*														
	Non-Urine	OP	85			95				92	86	86	95	85			
		IN	31			97				94	90	87	97	74			
		ICU	13†			85				69↓	92↑	85↑	92	69↑			
Serratia marcescens	ALL	OP	45 €	R	R	71	R	R	67	98	98	98	100	73	R	96	R
		IN	19Ʊ†	R	R	79	R	R	68	100	100	100	100	79		100	R
		ICU	16Ʊ†	R	R	81	R	R	69	100	100	94	100	88		100	R
Stenotrophomonas maltophilia	ALL	OP	25Ʊ†									92				100	
		IN	13Ʊ†									69↓				100	
		ICU	15Ʊ†									87				93	

VUMC ID is always available.

In-person consults are done daily during the weekdays. Telephonic support is available nights and weekends. All calls are answered by an infectious diseases attending physician.

~Data was obtained from the Sentri7 generated antibiogram by including the first isolate of an organism encountered on a given patient.

OP = Outpatient (including ED), IN = Non-ICU Inpatient, ICU = ICU only, R = Resistant

Ʊ Data represents susceptibility of isolates collected in 2023, 2024, and 2025 due to small number of isolates.

† Susceptibility results for < 30 Isolates lack statistical validity and should be clinically reviewed. Susceptibility results for < 10 isolates are not reported.

€ Data represents susceptibility of isolates collected in 2024 and 2025 due to small number of isolates.

↑ and ↓ indicate an increase or decrease in susceptibility from previous antibiogram by at least 10%.

Adults - Common Gram-Positive Bacteria, % Susceptible~

ANTIBIOGRAM 1/1/2025-12/31/2025			PENICILLINS			CEPHALOSPORINS 1ST	CEPHALOSPORINS 3RD	CEPHALOSPORINS 4TH	FQ	CARBA-PENEM	OTHERS						
Green: ≥85%Susceptible Orange: 50-84% Susceptible Red: <50% Susceptible; Resistant	Location	Total # of isolates	Penicillin	Ampicillin	Oxacillin	Cefazolin (Ancef, Kefzol)	Ceftriaxone (Rocephin)	Cefepime (Maxipime)	Levofloxacin (Levaquin)	Meropenem (Merrem) *Restricted*	Clindamycin (Cleocin)	*Daptomycin (Cubicin) Restricted*	Linezolid (Zyvox)	Nitrofurantoin	SMX/TMP (Bactrim) *IV Form Restricted*	Tetracycline *(Doxycycline Preferred)*	Vancomycin (Vancocin)
GRAM POSITIVE																	
Enterococcus faecalis	All	224	100	99					72			100	100	100		R	91
Enterococcus faecium	All	25†		R					R			100	100	55		R	52
Staphylococcus aureus	All	373			55	55			60		69	100	100		95	83	100
MRSA	OP	105			R	R					57	100	100		88	69↓	100
MRSA	IN	60			R	R					52	100	100		92	65	100
MRSA	ICU	14†			R	R					R	100	100		79↓	64	100
MSSA	OP	160			100	100			90		78	100	100		99	93	100
MSSA	IN	45			100	100			82		80	100	100		98	89	100
MSSA	ICU	15†			100	100			87		87↑	100	100		93	100	100
Staphylococcus capitis	All	87			86	86			78		83	100	100		98	87	100
Staphylococcus epidermidis	All	492			R	R			68↑		53	100	100		55	75	100
Staphylococcus haemolyticus	All	48			R	R			R		R	100	100		R	R	100
Staphylococcus hominis	All	194			61	61			81		67	100	100		70	69	100
Staphylococcus lugdunensis	All	31			90	90			100		80	100	100		100	100	100
Staphylococcus pettenkoferi	All	31			52	52			R		68	100	100		97	94	100
Streptococcus anginosus	All	18Ʊ†	94	100			100	100	94	100	78↓		100			69↓	100
Streptococcus mitis group	All	53 €	75	77			96	94	96	100	90		100			69	100
Streptococcus pneumoniae	All	30	79				92	100	100	83	80↓		100		75	67↓	100

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