## Blood Isolates — % Susceptible

Blood Isolates — % Susceptible																							
≥80% Susceptible 70-79% Susceptible ≤69% Susceptible	#	%	Ampicillin	Amoxicillin-Clavulanic acid	Penicillin	Piperacillin-Tazobactam	Meropenem	Ertapenem	Cloxacillin	Cefazolin	Ceftriaxone	Ceftazidime	Clindamycin	Erythromycin	Doxycycline	Ciprofloxacin	Moxifloxacin	Trimethoprim-Sulfamethoxazole	Gentamicin	Tobramycin	Amikacin	Vancomycin	Linezolid
ALL BACTERIA	424	_	12	26		47	52	50		38	49							67					
ALL GRAM-NEGATIVE BACTERIA	138	100	19	62		73	98	89		54	71	73				79		73	93	93	99		
Escherichia coli	78	57	27	73		77	100	99		58	82	82				79		72	95	94	99		
Klebsiella pneumoniae	28	20	0	82		82	100	100		79	82	82				82		71	86	89	100		
Pseudomonas aeruginosa	7	5				100	71					100				71			86	86	100		
Stenotrophomonas maltophilia	5	4															80	100					
Proteus mirabilis	5	4	100	80		100	100	100		100	100	100				100		100	100	100	100		
ALL GRAM-POSITIVE BACTERIA	286	100	8	8	4	35	31	31	26	31	39		51	48				63				98	
Coagulase-negative staphylococci	160	56				14	14	14	14	14			43	43	100			57				100	100
Staphyloccocus aureus, all isolates	65	23				82	82	82	82	82			83	72	98			100				100	100
- methicillin-susceptible	53	19				100	100	100	100	100			87	83	98			100				100	100
- methicillin-resistant (MRSA)	12	4				0	0	0	0	0			67	25	100			100				100	100
Viridans group streptococci°	24	8									92											100	
Enterococcus faecium, all isolates	12	4	8	8		8																42	
- vancomycin-susceptible	5	2	20	20		20																100	
- vancomycin-resistant (VRE)	7	2	0	0		0																0	100
Enterococcus faecaliss	11	4	100	100		100																100	
Group B streptococci**	7	2			100								71	71								100	
Group A streptococci**	5	2			100								100	100								100	

#### General Notes:

- > Statistical validity of estimates of percent susceptibility for organisms for which there are fewer than 30 isolates reported is limited. Please take this into consideration when interpreting the reported results.
- > Some organisms for which there were only very small numbers have been excluded from this report; however the total number of "ALL BACTERIA", "ALL GRAM-NEGATIVE BACTERIA", and "ALL GRAM-POSITIVE BACTERIA" listed includes these organisms.
- > Reported susceptibilities for "ALL BACTERIA", "ALL GRAM-NEGATIVE BACTERIA", and "ALL GRAM-POSITIVE BACTERIA" reflect estimates only based on the weighted average of susceptibilities for all organisms included on this report as well as those that have been excluded, with assumptions made for those drugs for which susceptibilities were not tested.
- > Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

#### Year-Specific Notes:

> Only a limited number of coagulase negative staphylococci isolates were tested for susceptibilities. The vast majority of coagulase-negative staphylococci are susceptible to vancomycin. If you have any questions, please contact the UHN/MSH Department of Microbiology.

# Organism-Specific Notes:

- \*\* Beta-hemolytic streptococci: Susceptibilty testing to penicillin is not routinely performed since resistant strains have not been recognized. All isolates are considered susceptible to penicillin.
- Viridans group streptococci: Please note that only a small proportion of these isolates were tested for susceptibilities. Please take this into consideration when interpreting the reported results.
- ' S. maltophilia: Susceptibility to moxifloxacin was predicted based on levofloxacin susceptibility testing results.

## Respiratory Isolates - % Susceptible

≥80% Susceptible 70-79% Susceptible ≤69% Susceptible	#	%	Ampicillin	Amoxicillin-Clavulanic acid	Penicillin	Penicillin IV (meningitis)	Penicillin IV (non-meningitis)	Piperacillin-Tazobactam	Meropenem	Ertapenem	Cloxacillin	Cefazolin	Ceftriaxone	Ceftriaxone (meningitis)	Ceftriaxone (non-meningitis)	Ceftazidime	Clindamycin	Erythromycin	Doxycycline	Ciprofloxacin	Moxifloxacin	Trimethoprim-Sulfamethoxazole	Gentamicin	Tobramycin	Amikacin	Vancomycin	Linezolid
ALL BACTERIA	141	_	8	19				75	87	59		42	61									71					
ALL GRAM-NEGATIVE BACTERIA	81	100	10	31				69	94	44		16	43			62				77		55	92	90	98	=	
Pseudomonas aeruginosa	26	32		0.				81	85				.0			77				92		-	92	96	96	<del></del>	-
Klebsiella pneumoniae	11	14	0	91				91	100	100		75	91			91				91		91	91	88	100	<b>-</b>	
Stenotrophomonas maltophilia	11	14		71				71	100	100		7.5	71			71				71	73	100		00	100		
Escherichia coli	9	11	12	44				56	100	100		50	89			89				78		44	89	71	100		
Haemophilus influenzae^^	7	9	71																								
Enterobacter cloacae	5	6	0	0				0	100	100		0	0			0				80		80	80	80	100		
Serratia marcescens	5	6	0	0				0	100	100		0	0			0				100		100	100	100	100		
ALL GRAM-POSITIVE BACTERIA	60	100	4	4	4			82	78	78	73	78	82				75	73				93				93	
Staphyloccocus aureus, all isolates	51	85						86	86	86	86	86					79	79	98			100				100	100
- methicillin-susceptible	44	73						100	100	100	100	100					82	82	100			100				100	100
- methicillin-resistant (MRSA)	7	12						0	0	0	0	0					57	57	86			100				100	100
Enterococcus faecium, vancomycin-resistant (VRE)	3	5	0	0				0																		0	67
Streptococcus pneumoniae	5	8				50	100							100	100		100	80			80					100	
Mycobacterium tuberculosis complex	1	2																					1	1		1	

## General Notes:

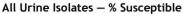
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- ${\color{red}\succ} \ {\color{blue} Susceptibility} \ to \ doxycycline \ was \ predicted \ based \ on \ tetracycline \ susceptibility \ testing \ results.$

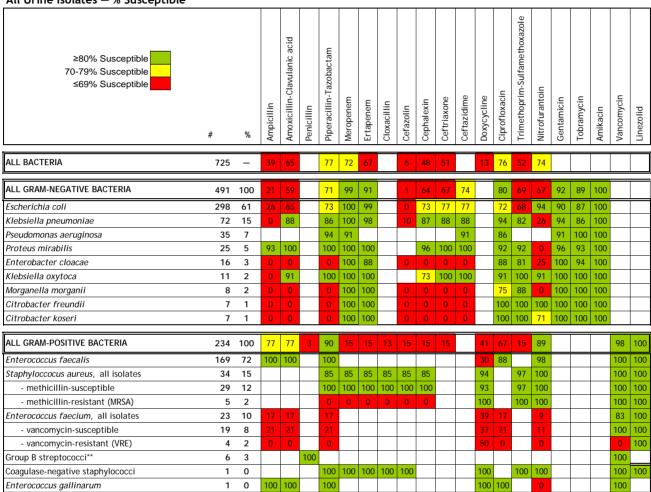
Organism-Specific Notes:

- ^^ H. influenzae and H. parainfluenzae: Susceptibility to ampicillin was determined using beta-lactamase testing. Beta-lactamase-positive isolates are resistant to ampicillin but are generally susceptible to amoxicillin-clavulanic acid and cefuroxime.
- 'S. maltophilia: Susceptibility to moxifloxacin was predicted based on levofloxacin susceptibility testing results.

Prepared by University Health Network/Mount Sinai Hospital Department of Microbiology

September 10, 2020



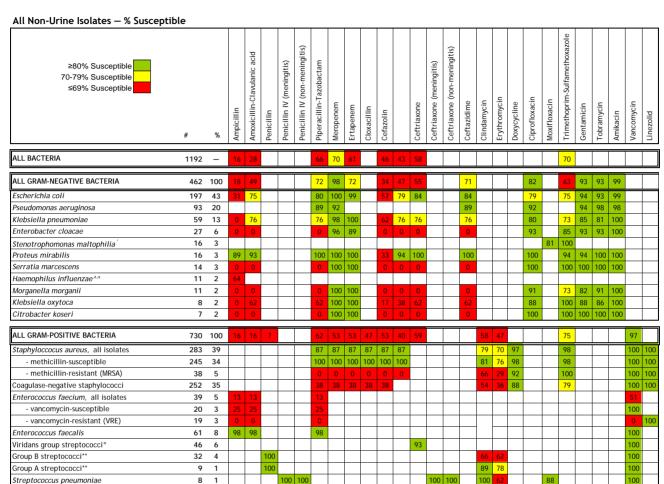


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