

#### General Notes:

Enterococcus gallinarum

- > 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:

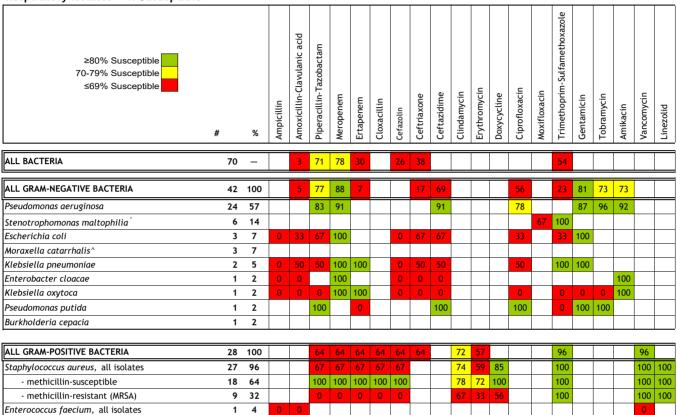
> Only a limited number of coagulase negative staphylococci isolates were tested for susceptibilities. The vast majority of coagulase-negative staphylococci are susceptible to vancomycin. If you have any questions, please contact the UHN/MSH Department of Microbiology.

#### 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.

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#### Respiratory Isolates - % Susceptible



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- ^ M. catarrhalis: Susceptibility testing is not routinely performed. Most isolates are resistant to ampicillin and amoxicillin but are generally susceptible to other antibiotics commonly used for respiratory infections.
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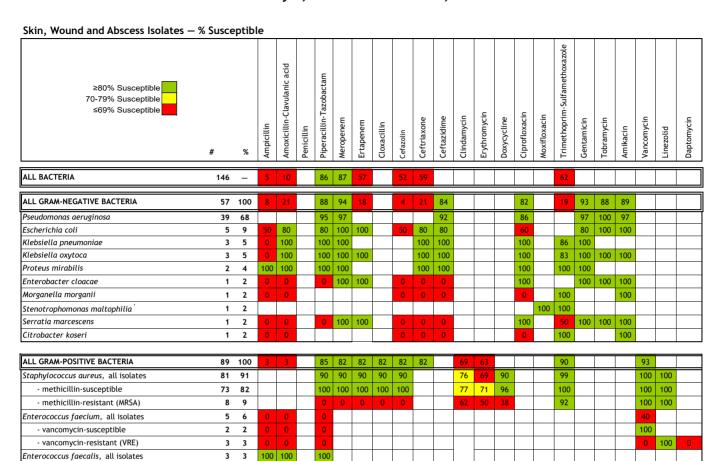
#### Urine Isolates — % Susceptible

Urine Isolates — % Susceptible																						
≥80% Susceptible 70-79% Susceptible ≤69% Susceptible	#	%	Ampicillin	Amoxicillin-Clavulanic acid	Penicillin	Piperacillin-Tazobactam	Meropenem	Ertapenem	Cloxacillin	Cefazolin	Cephalexin	Ceftriaxone	Ceftazidime	Doxycycline	Ciprofloxacin	Trimethoprim-Sulfamethoxazole	Nitrofurantoin	Gentamicin	Tobramycin	Amikacin	Vancomycin	Linezolid
ALL BACTERIA	639	_	19	60		70	72	66		9	2	49		43	64	51	68					
ALL GRAM-NEGATIVE BACTERIA	451	100	2	59		70	99	90		10		66	72	46	66	68	67	94	53	92		
Escherichia coli	246	55	3	71		77	100	100		18		81	81	75	55	70	98	92	39	100		
Klebsiella pneumoniae	77	17	0	81		84	100	100		0		84	84		71	74	26	97	71	100		
Enterobacter cloacae	35	8	0	0		9	100	97		0	0	0	0	67	86	78	46	97	94	100	ı	
Pseudomonas aeruginosa	29	6				90	93						93		83			96	100	96	ı	
Proteus mirabilis	22	5	0	86		91	100	100		0		91	91		82	68	0	86	0	0		
Klebsiella oxytoca	12	3	0	92		92	100					100	100		92	100	100	100				
Citrobacter freundii	8	2	0	0		0	88	100		0	0	0	0		75	62	100	88	75	100		
Citrobacter koseri	7	2	0	0		0	100	100		0	0	0	0		100	100	71	100	100	100		
Serratia marcescens	5	1	0	0		0	100	100		0	0	0	0		100	100	0	100	100	100		
Morganella morganii	4	1	0	0		0	75	75		0	0	0	0		50	50	0	100	75	75		
Stenotrophomonas maltophilia '	2	0														100	0					
Providencia rettgeri	2	0	0	0		0	100	100		0	0	0	0		0	100	0	100	100	100		
Citrobacter amalonaticus	1	0	0	0		0				0	0	0	0		100	100		100			ı	
Pseudomonas putida	1	0				100		0			0		100		100	0	0	100	100			
ALL GRAM-POSITIVE BACTERIA	188	100	62	62	1	69	8	8	7	8	8	8		35	61	10	72				93	99
Enterococcus faecalis, all isolates	112	60	99	99		98								34	86		99				100	100
- vancomycin-susceptible	112	60	99	99		98								34	86		99				100	100
- vancomycin-resistant (VRE)	0	0																				
Enterococcus faecium, all isolates	56	30	8	8		8								20	5		9				75	100
- vancomycin-susceptible	42	22	10	10		10								26	7		5				100	100
- vancomycin-resistant (VRE)	14	7	0	0		0								0	0		21				0	100
- vancomycin-susceptible (vanA+)	0	0																				
Staphylococcus aureus, all isolates	17	9				82	82	82	82	82	82			94	82	100	94				100	100
- methicillin-susceptible	14	7				100	100	100	100	100	100			93	100	100	93				100	100
- methicillin-resistant (MRSA)	3	2				0	0	0	0	0	0			100		100	100				100	100
Coagulase-negative staphylococci	1	1				0	0	0	0	0				100		100	100				100	100
Group B streptococci**	1	1			100																100	
Enterococcus casseliflavus	1	1	100	100		100								0	100		100				100	

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- $\succ$  Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

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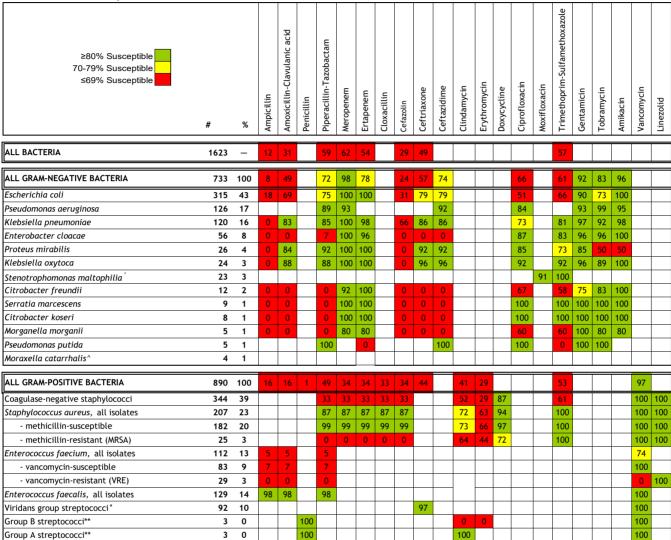
#### Organism-Specific Notes:

 $\hbox{`S. maltophilia: Susceptibility to moxifloxacin was predicted based on levofloxacin susceptibility testing results.}\\$ 

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

December 23, 2024

#### All Isolates — % Susceptible



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#### All Non-Urine 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
	#	%	Am	Am	Per	Pip	We	Ert	Clo	Cef	Cel	Cel	Cli	Ery	Do	Cip	Wo	Tri	Ge	Tot	Am	Var	Lin
ALL BACTERIA	968	_	6	14		<b>5</b> 3	58	46		35	50							59					
ALL GRAM-NEGATIVE BACTERIA	316	100	8	33		73	97	58		24	43	75				63		49	90	95	97		
Pseudomonas aeruginosa	101	32				89	94					91				82			93	99	95		
Escherichia coli	85	27	30	56		67	100	100		41	71	71				36		53	87	91	100		
Klebsiella pneumoniae	52	16	0	82		82	100	98		79	84	84				71		86	92	91	98		
Enterobacter cloacae	22	7	0	0		5	100	95		0	0	0				90		90	95	100	100		
Stenotrophomonas maltophilia '	22	7															91	100					
Klebsiella oxytoca	13	4	0	77		77	100	100		0	92	92				92		85	92	90	100		
Proteus mirabilis	5	2	0	80		100	100	100		0	100	100				80		80	60	100	100		
Serratia marcescens	4	1	0	0		0	100	100		0	0	0				100		100	100	100	100		
Citrobacter freundii	4	1	0	0		0	100	100		0	0	0				50		50	50	100	100		
Moraxella catarrhalis^	4	1																					
Pseudomonas putida	4	1				100		0				100				100		0	100	100			
ALL GRAM-POSITIVE BACTERIA	652	100	5	5	1	44	40	40	39	40	54		51	37				65				97	
Coagulase-negative staphylococci	273	42				33	33	33	33	33			52	29	87			61				100	100
Staphylococcus aureus, all isolates	191	29				87	87	87	87	87			74	64	94			100				100	100
- methicillin-susceptible	168	26				99	99	99	99	99			75	67	98			100				100	100
- methicillin-resistant (MRSA)	23	4				0	0	0	0	0			64	41	68			100				100	100
Viridans group streptococci°	92	14									97											100	
Enterococcus faecium, all isolates	65	10	3	3		3																69	
- vancomycin-susceptible	45	7	4	4		4																100	
- vancomycin-resistant (VRE)	20	3	0	0		0																0	100
Enterococcus faecalis, all isolates	24	4	96	96		96																100	
Group A streptococci**	3	0			100								100									100	
Group B streptococci**	2	0			100								0	0								100	
Group G streptococci**	2	0			100								50	50								100	

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