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	Ceftriaxone (meningitis)	Ceftriaxone (non-meningitis)	Ceftazidime	Clindamycin	Erythromycin	Doxycycline	Ciprofloxacin	Moxifloxacin	Trimethoprim-Sulfamethoxazole	Gentamicin	Tobramycin	Amikacin	Vancomycin	Linezolid
ALL BACTERIA	714	_	13	33		60	64	61		46	59									66					
ALL COMMISSION DACTEDIA	050	400	,	۷.0			00	00		40	74			70				70		//	00	00	00		=
ALL GRAM-NEGATIVE BACTERIA	250	100	6	62		77	99	90		49	71			79				79		69	93	93	99		
Escherichia coli	128	51	4	73		83	100	100		62	88			88				64		66	88	88	99		
Klebsiella pneumoniae	50	20	0	92		92	100	100		82	92			92				94		84	98	98	100		
Pseudomonas aeruginosa	22	9				95	91							95				95			100	100			
Enterobacter cloacae	20	8	0	0		0	100	95		0	0			0				95		95		100			
Proteus mirabilis	10	4	100	90		100	100	100		20	100			100				90			100	100			
Klebsiella oxytoca	8	3	0	88		88	100	100		0	88			88				100		88	100	100	100	<u> </u>	
ALL GRAM-POSITIVE BACTERIA	464	100	17	17	10	51	45	45	34	45	53				46	34				64				100	
Coagulase-negative staphylococci	275	59				36	36	36	36	36					43	21	93			64				100	100
Staphyloccocus aureus, all isolates	65	14				92	92	92	92	92					78	71	94			98				100	100
- methicillin-susceptible	60	13				100	100	100	100	100					78	72	95			98				100	100
- methicillin-resistant (MRSA)	5	1				0	0	0	0	0					80	60	80			100				100	100
Enterococcus faecalis, all isolates	26	6	100	100		100																		100	
- vancomycin-susceptible	26	6	100	100		100																		100	
- vancomycin-resistant (VRE)	0	0																							
Viridans group streptococci°	25	5									92													100	
Group A streptococci**	23	5			100										100	95								100	
Streptococcus pneumoniae	15	3										93	100			73			100					100	
Group B streptococci**	12	3			100										45	45								100	
Group G streptococci**	10	2			100										33	33								100	
Enterococcus faecium, all isolates	10	2	30	30		30																		100	
- vancomycin-susceptible	10	2	30	30		30																		100	
- vancomycin-resistant (VRE)	0	0																							
- vancomycin-susceptible (vanA+)	0	0	1																					ı T	Ţ

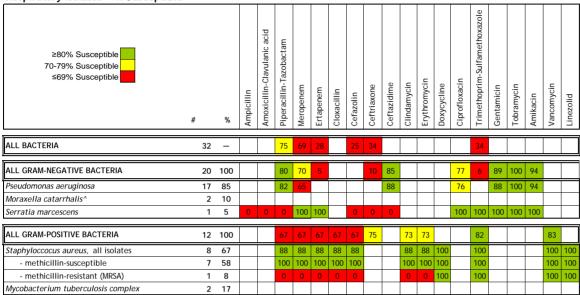
General Notes:

- > 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 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.

Respiratory Isolates - % Susceptible



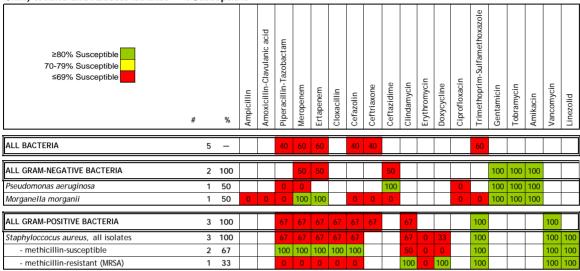
General Notes:

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

Organism-Specific Notes:

^ 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.

Skin, Wound and Abscess Isolates - % Susceptible



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.
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- > 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.

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

November 09, 2021

Urine Isolates — % Susceptible

≥80% Susceptible 70-79% Susceptible ≤69% Susceptible			Ē	Amoxicillin-Clavulanic acid	Piperacillin-Tazobactam	nem	ıem	Ilin	n	axin	Kone	dime	cline	oxacin	Trimethoprim-Sulfamethoxazole	Nitrofurantoin	ıicin	ıycin	ri	ycin	pi
	#	%	Ampicillin	Amoxic	Pipera	Meropenem	Ertapenem	Cloxacillin	Cefazolin	Cephalexin	Ceftriaxone	Ceftazidime	Doxycycline	Ciprofloxacin	Trimet	Nitrofu	Gentamicin	Tobramycin	Amikacin	Vancomycin	Linezolid
ALL BACTERIA	819	_	20	65	77	79	72		6	52	56			71	51	71					
ALL GRAM-NEGATIVE BACTERIA	645	100	4	61	75	99	90		6	64	69	78		73	62	67	91	54	97		
Escherichia coli	396	61	1	70	77	100	100		7	76	81	81		66	63	95	88	43	100		
Klebsiella pneumoniae	96	15	0	85	84	100	100		14	84	88	88	0	85	74	22	98	50	83		
Pseudomonas aeruginosa	58	9			98	88						98		84			100	100	98		
Proteus mirabilis	24	4	100	96	100	100	100		0	96	100	100		79	83	0	92	100	100		
Enterobacter cloacae	17	3	0	0	0	100	94		0	0	0	0		82	76	24	100	100	100		
Klebsiella oxytoca	17	3	0	76	76	100	100		0	59	82	82		82	94	88	94	0	100		
Citrobacter koseri	12	2	0	0	0	100	100		0	0	0	0		92	92	67	92	92	92		
Serratia marcescens	7	1	0	0	0	100	100		0	0	0	0		86	100	0	100	100	100		
ALL GRAM-POSITIVE BACTERIA	174	100	77	77	84	7	7	7	7	7	7		36	63	10	85				98	99
Enterococcus faecalis, all isolates	128	74	100	100	100								30	81		98				100	100
- vancomycin-susceptible	128	74	100	100	100								30	81		98				100	100
- vancomycin-resistant (VRE)	0	0																			
Enterococcus faecium, all isolates	26	15	15	15	15								31	12		16				85	100
- vancomycin-susceptible	22	13	18	18	18								32	14		14				100	100
- vancomycin-resistant (VRE)	4	2	0	0	0								25	0		25				0	100
- vancomycin-susceptible (vanA+)	0	0																			
Staphyloccocus aureus, all isolates	18	10			66	66	66	66	66	66			89		94	94				100	100
- methicillin-susceptible	13	7			92	92	92	92	92	92			85		92	92				100	100
- methicillin-resistant (MRSA)	5	3			0	0	0	0	0	0			100		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.
- ${\color{red} \blacktriangleright} \ \ \text{Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results}.$