Blood Isolates - % Susceptible

Blood 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	318	_	21	33				67	77	75		56	71									83					F
																										_	<u> — </u>
ALL GRAM-NEGATIVE BACTERIA	116	100	26	60				69	99	96		42	69			72				68		81	98	96	99		
Escherichia coli	60	52	45	62				73	100	100		57	77			77				53		77	97	93	100	Ħ	
Klebsiella pneumoniae	18	16	0	72				67	100	94		61	78			78				61		83	100	100	100		
Proteus mirabilis	16	14	19	100				100	100	100		19	100			100				88		94	100	100	100		
Enterobacter cloacae	5	4	0	0				0	100	80		0	0			0				100		100	100	100	100		
Pseudomonas aeruginosa	3	3						100	67							100				100			100	100	100		
Klebsiella oxytoca	3	3	0	100				100	100	100		33	100			100				100		100	100	100	100		
Morganella morganii	3	3	0	0				0	100	100		0	0			0				100		67	100	100	100		
Citrobacter freundii	2	2	0	0				0	100	100		0	0			0				100		100	100	100	50		
Aeromonas hydrophila	2	2		50				100	100	100			50			50				100		100	100		100		
Citrobacter braakii	2	2	0	0				0	100	100		0	0			0				100		100	100	100	100		
Citrobacter koseri	1	1	0	0				0	100	100		0	0			0				100		100	100	100	100		
Providencia stuartii	1	1	0	0				0	100	100		0	0			0				100		100	100	100	100		
ALL GRAM-POSITIVE BACTERIA	202	100	18	18	15			67	64	64	49	64	72				62	38				84				100	
Coagulase-negative staphylococci	125	62						62	62	62	62	62					62	23	85			85				100	100
Staphylococcus aureus, all isolates	23	11						91	91	91	91	91					83	66	95			100				100	100
- methicillin-susceptible	21	10						100	100	100	100	100					81	67	95			100				100	100
- methicillin-resistant (MRSA)	2	1						0	0	0	0	0					100	50	100			100				100	100
Group A streptococci**	19	9			100												89	83								100	
Viridans group streptococci°	10	5											90													100	
Streptococcus pneumoniae	8	4												100	100			83			100					100	
Enterococcus faecalis, all isolates	6	3	100	100				100																		100	
Group B streptococci**	4	2			100												75	75								100	
Group G streptococci**	4	2			100												75	75								100	
Group C streptococci**	3	1			100												0	0								100	ı

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
- > 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-NEGATIVE BACTERIA", and "ALL GRAM-NEGATIVE BACTERIA".
- > 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
- ${\color{red}\succ} \ {\color{blue} Susceptibility} \ to \ doxycycline \ was \ predicted \ based \ on \ tetracycline \ susceptibility \ testing \ results.$

Year-Specific Notes:

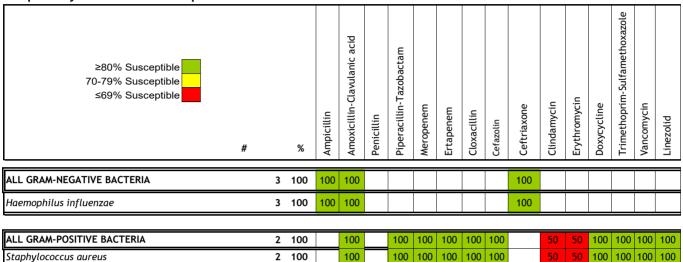
> Only a limited number of coagulase negative staphylococci isolates were tested for susceptibilities. The vast majority of coagulase-negative staphylococci are susceptible to vancomycin. If you have Organism-Specific Notes:

- ** 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.

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

December 24, 2024

Respiratory Isolates - % Susceptible



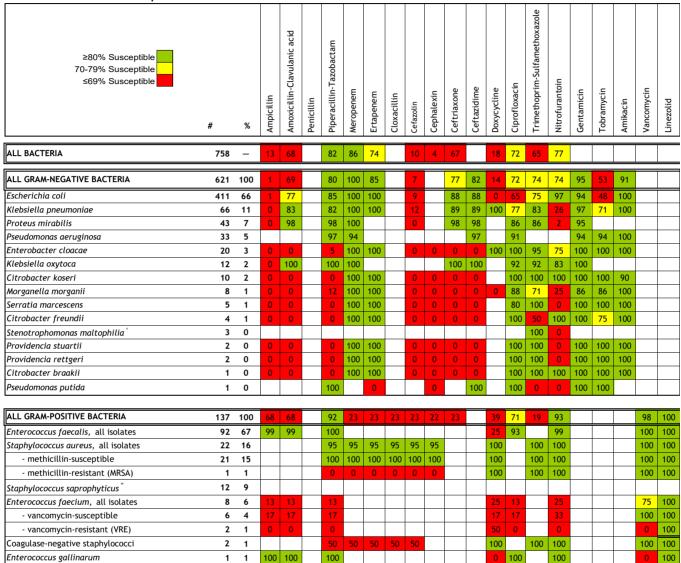
General Notes:

- > Statistical validity of estimates of percent susceptibility for organisms for which there are fewer than 30 isolates reported is limited. Please take
- > Some organisms for which there were only very small numbers have been excluded from this report; however the total number of "ALL BACTERIA",
- > Reported susceptibilities for "ALL BACTERIA", "ALL GRAM-NEGATIVE BACTERIA", and "ALL GRAM-POSITIVE BACTERIA" reflect estimates only based
- ${\color{red}\succ} \ {\color{blue} Susceptibility} \ to \ doxycycline \ was \ predicted \ based \ on \ tetracycline \ susceptibility \ testing \ results.$

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

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All Urine 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
- > 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
- > Reported susceptibilities for "ALL BACTERIA", "ALL GRAM-NEGATIVE BACTERIA", and "ALL GRAM-POSITIVE BACTERIA" reflect estimates only based on the weighted average of
- \succ Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

Organism-Specific Notes:

- S. saprophyticus: Susceptibility testing is not routinely performed. Most urinary tract infections due to this organism respond to nitrofurantoin,
- trimethonrim/sulfamethoxazole or fluoroquinolones

 S. maltophilia: Susceptibility to moxifloxacin was predicted based on levofloxacin susceptibility testing results.

All Specimens - % Susceptible

All Specimens — % 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	hilozodi
ALL BACTERIA	1220	_	21	53				81	86	79		40	69									71					F
ALL CRAM NECATIVE RACTERIA				- 10								0.1															_
ALL GRAM-NEGATIVE BACTERIA	779		13	63				79	99	89		26	72			80				73		72	95	85	98		느
Escherichia coli	465	60	20	75		_		84	100	100		32	87		-	87				65		75	94	79	100		L
Klebsiella pneumoniae	90	12	0	81				79	97	89		46	87			87				74		82	94	81	89		▙
Pseudomonas aeruginosa	69	9						97	94							97				93			96	97	100		
Proteus mirabilis	59	8	16	98				98	100	100		16	98			98				86		85	98	100			
Enterobacter cloacae	29	4	0	0				7	100	96		0	0			0				100		96	100	100	100		
Klebsiella oxytoca	15	2	0	100				100	100	100		33	100			100				93		93	100	100	100		
Morganella morganii	13	2	0	0				8	100	100		0	0			0				92		75	92	92	100		
Citrobacter koseri	11	1	0	0				0	100	100		0	0			0				100		100	100	100	91		
Serratia marcescens	7	1	0	0				0	100	100		0	0			0				86		100	100	100	100		
Stenotrophomonas maltophilia ʻ	6	1																			67	100					
Citrobacter freundii	6	1	0	0				0	100	100		0	0			0				100		67	100	83	83		
Providencia stuartii	3	0	0	0				0	100	100		0	0			0				100		100	100	100	100		
Moraxella catarrhalis^	3	0																									
Citrobacter braakii	3	0	0	0				0	100	100		0	0			0				100		100	100	100	100		
							1																				_
ALL GRAM-POSITIVE BACTERIA	441	100	35	35	13			86	63	63	50	63	64				59	47				69				99	
Staphylococcus aureus, all isolates	247	56						84	84	84	84	84					81	64	92			99				100	10
- methicillin-susceptible	208	47						100	100	100	100	100					80	68	94			99				100	10
- methicillin-resistant (MRSA)	39	9						0	0	0	0	0					87	44	79			100				100	10
Enterococcus faecalis, all isolates	98	22	99	99				100																		100	_
Coagulase-negative staphylococci	24	5						52	52	52	52	52					57	30	91			75				100	10
Group A streptococci**	24	5			100												82	71								100	
Viridans group streptococci°	12	3			67								92													100	
Enterococcus faecium, all isolates	10	2	10	10				10																		70	
- vancomycin-susceptible	7	2	14	14				14																		100	
- vancomycin-resistant (VRE)	3	1	0	0	L			0	L							<u></u>							<u> </u>		<u> </u>	0	10
Streptococcus pneumoniae	9	2				100	100							100	100		100	71			100					100	L
Group G streptococci**	7	2			100												71	71								100	
Group B streptococci**	6	1			100												60	60								100	
Group C streptococci**	4	1			100												0	0								100	ľ

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- > 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-
- > 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

Year-Specific Notes:

 ${\boldsymbol{\succ}}$ All specimens exclude surveillance samples.

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

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