

# Mount Sinai Hospital ANTIBIOGRAM Emergency Department January 1, 2022 - December 31, 2022

## All Specimen Isolates – % Susceptible

≥80% Susceptible <span style="color: green;">■</span> 70-79% Susceptible <span style="color: yellow;">■</span> ≤69% Susceptible <span style="color: red;">■</span>	#	%	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
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<b>ALL BACTERIA</b>	1288	—	21	48		78	82	77		44	66								73						
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<b>ALL GRAM-NEGATIVE BACTERIA</b>	723	100	17	66		77	99	90		30	71			79					76	75	93	79	97		
<i>Escherichia coli</i>	420	58	24	79		85	100	100		35	86			86					68	76	90	68	99		
<i>Klebsiella pneumoniae</i>	101	14	0	86		86	99	95		48	89			89					86	90	95	86	91		
<i>Pseudomonas aeruginosa</i>	58	8				93	98							93					81		93	97	98		
<i>Proteus mirabilis</i>	42	6	57	98		100	100	100		29	100			100					95	98	98	100	100		
<i>Enterobacter cloacae</i>	28	4	0	0		0	100	96		0	0			0					86	81	96	93	96		
<i>Klebsiella oxytoca</i>	18	2	0	94		94	100	100		50	94			94					94	100	100	100	100		
<i>Klebsiella aerogenes</i>	14	2	0	0		0	100	100		0	0			0					92	100	100	100	100		
<i>Serratia marcescens</i>	9	1	0	0		0	100	100		0	0			0					100	100	100	89	100		
<i>Citrobacter koseri</i>	7	1	0	0		0	100	100		0	0			0					100	100	100	100	100		
<i>Morganella morganii</i>	7	1	0	0		0	100	100		0	0			0					86	86	100	100	100		
<i>Citrobacter freundii</i>	5	1	0	0		0	100	100		0	0			0					100	100	100	100	100		

<b>ALL GRAM-POSITIVE BACTERIA</b>	565	100	26	26	6	78	60	60	53	60	60				56	47				70					96	
<i>Staphylococcus aureus</i> , all isolates	228	40				80	80	80	80	80					79	60	92			97					100	100
- methicillin-susceptible	184	33				99	99	99	99	99					80	69	95			98					100	100
- methicillin-resistant (MRSA)	44	8				0	0	0	0	0					73	23	80			93					100	100
Coagulase-negative staphylococci	161	28				75	75	75	75	75					75	67	100			92					100	100
<i>Enterococcus faecalis</i>	113	20	97	97		97																			100	
<i>Staphylococcus lugdunensis</i>	21	4				90	90	90	90	90					90	90	90			100					100	100
<i>Streptococcus anginosus</i> group °	15	3				100					100														100	
<i>Staphylococcus saprophyticus</i> °	12	2																								
Group A streptococci**	8	1				100									88	75									100	
Viridans group streptococci °	8	1				75					100														100	
Group B streptococci**	7	1				100									57	57									100	
<i>Enterococcus faecium</i>	6	1	50	50		50																			100	
Group G streptococci**	6	1				100									33	33									100	
<i>Streptococcus pneumoniae</i>	5	1										80	80							75					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.

**Organism-Specific Notes:**

- \*\* Beta-hemolytic streptococci: Susceptibility testing to penicillin is not routinely performed since resistant strains have not been recognized. All isolates are considered susceptible to penicillin.
- ° *S. saprophyticus*: Susceptibility testing is not routinely performed. Most urinary tract infections due to this organism respond to nitrofurantoin, trimethoprim/sulfamethoxazole or fluoroquinolones.
- ° 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. anginosus* group: Please note that only a small proportion of these isolates were tested for susceptibilities. Please take this into consideration when interpreting the reported results.





