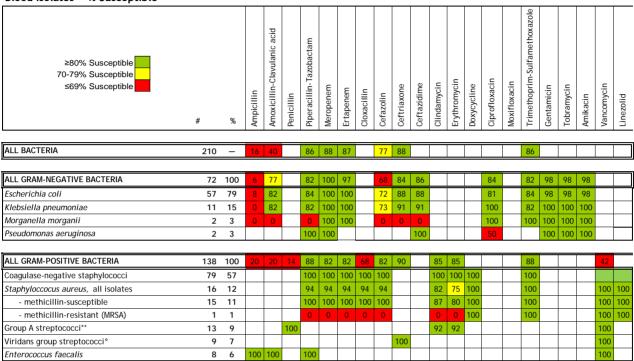
## Mount Sinai Hospital ANTIBIOGRAM Emergency Department January 1, 2020 - December 31, 2020

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

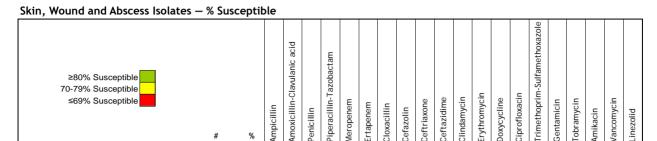
#### Year-Specific Notes:

> 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 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.

## Mount Sinai Hospital ANTIBIOGRAM Emergency Department January 1, 2020 - December 31, 2020



ALL BACTERIA	231	_	8	15	78	81	69	58	66				84				
ALL GRAM-NEGATIVE BACTERIA	62	100	13	37	71	94	50	10	37	73		82	55	98	81	87	
Pseudomonas aeruginosa	23	37			91	83				96		65		100	100	100	
Escherichia coli	11	18	0	73	73	100	100	33	73	73		82	55	91	67	100	
Proteus mirabilis	8	13	100	100	100	100			100	100		100	100	100			
Enterobacter cloacae	7	11	0	0	0	100	100	0	0	0		86	100	100	100	100	
Klebsiella pneumoniae	5	8	0	80	80	100	100	50	80	80		100	100	100	100	100	

ALL GRAM-POSITIVE BACTERIA	169	100	7	7	2	80	76	76	74	76	76	72	50		95		100	
Staphyloccocus aureus, all isolates	157	93				80	80	80	80	80		75	52	88	99		100	100
- methicillin-susceptible	125	74				100	100	100	100	100		72	61	87	100		100	100
- methicillin-resistant (MRSA)	32	19				0	0	0	0	0		88	19	94	97		100	100
Enterococcus faecalis	7	4	100	100		100											100	
Group G streptococci**	2	1			100							50	50				100	
Group A streptococci**	1	1			100							100	100				100	
Group B streptococci**	1	1			100							100	100				100	

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- > Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

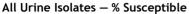
### Organism-Specific Notes:

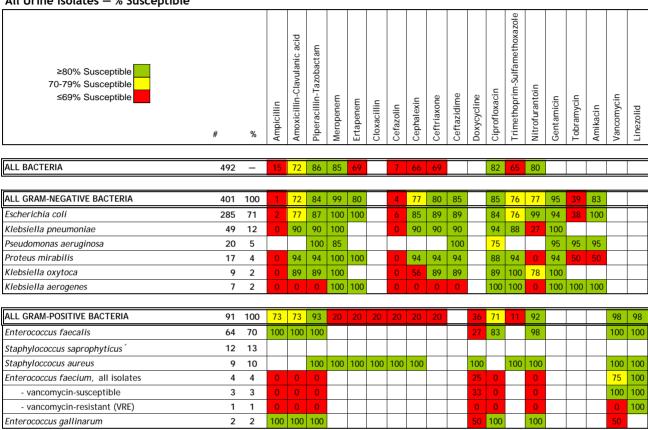
\*\* Beta-hemolytic streptococci: Susceptibility testing to penicillin is not routinely performed since resistant strains have not been recognized. All isolates are considered susceptible to penicillin.

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

December 15, 2021

# Mount Sinai Hospital ANTIBIOGRAM Emergency Department January 1, 2020 - December 31, 2020





## 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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- > Susceptibility to doxycycline was predicted based on tetracycline susceptibility testing results.

#### Organism-Specific Notes:

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