

How to Read an Antibiogram

Locate the microorganism of interest along the left side of the page (Inpatient blood/CSF isolates from 2017 shown below)

 Children's of Alabama® Organisms 8 or more Isolates, First isolate only	Total Isolates	Ampicillin/Sulbactam		Cefepime	ESBL (% Positive)	Ceftazidime	Ceftriaxone	Ciprofloxacin	Clindamycin	Gentamicin	Tobramycin	Meropenem	Oxacillin	Penicillin G	Piperacillin/Tazobactam		Sulfamethoxazole/Trimethoprim		Vancomycin
		Ampicillin	Sulbactam																
Gram Negative																			
Enterobacter cloacae	8			100				100		100	100					86	86		
Escherichia coli	12	25	25	100	13	100	100	83		92	92	100				100	71		
Klebsiella pneumoniae	19	0	44	100	4	93	92	93		93	93					73	92		
Pseudomonas aeruginosa	8			100		88	100	100		100	100					88	100		
Serratia marcescens	8			100				88		100	75					100	100		
Gram Positive																			
Enterococcus faecalis	18													100					100
Staphylococcus aureus	69								80				49				98	100	
MRSA	35								81				0				97	100	
MSSA	34								77				100				100	100	
Staphylococcus, coagulase negative	57								38				5				46	100	

Select the appropriate empiric antimicrobial choice based on:

Most susceptible antimicrobial for the desired microorganism (**represented as a percentage from 0-100% with 0 indicating no activity and 100 indicating that all isolates are susceptible**)

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