


# Antimicrobial Susceptibility Report: January 2020 - December 2020

## Children's Health System of Alabama

### Sterile Site Isolates - Inpatient Locations

 <p><b>Children's of Alabama®</b></p> <p><b>Organisms</b> 10 or more Isolates, First isolate only</p>	<b>Total Isolates</b>																									
	Ampicillin																									
	Ampicillin/Sulbactam																									
	Cefepime																									
	Ceftazidime																									
Ceftriaxone/Cefotaxime																										
Ciprofloxacin																										
Levofloxacin																										
Gentamicin																										
Tobramycin																										
Piperacillin/Tazobactam																										
Meropenem																										
Sulfamethoxazole/Trimethoprim																										
Clindamycin																										
Penicillin G																										
Oxacillin/Methicillin																										
Tetracycline/Minocycline/Doxycycline																										
Vancomycin																										
Ceftaroline																										
<b>Gram Negative</b> (numbers represent % of isolates susceptible)																										
Escherichia coli ( <b>ESBL -</b> )	10	10	10	100	100	100	100		80	90	100		100													
Klebsiella pneumonia ( <b>ESBL -</b> )	10	0	80	100	100	90	100		80	80	100		80													
Klebsiella pneumonia ( <b>ESBL +</b> )	2						85		75	75		100														
Serratia marcescens	15			100			100		100	66	100		100													

**Sterile site isolates include: Blood, CSF, and bone aspirates.**


*Blank cells indicate drug not tested or drug not indicated.*

**\*\*\* Overall ESBL rates (average) for COA sterile site isolates (hospital acquired) – none for *E. coli* and 17% for *Klebsiella* isolates\*\*\***

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## Children's Health System of Alabama

### Sterile Site Isolates - Inpatient Locations

 <b>Children's of Alabama®</b>  <b>Organisms</b> 15 or more Isolates, First isolate only	Total Isolates	Ampicillin	Ampicillin//Subbactam	Erythromycin	Cefepime	Ceftazidime	Ceftriaxone/Cefotaxime	Ciprofloxacin	Levofloxacin	Gentamicin	Tobramycin	Piperacillin/Tazobactam	Sulfamethoxazole/Trimethoprim	Clindamycin	Penicillin G	Oxacillin/Methicillin	Tetracycline/Minocycline/Doxycycline	Vancomycin	Ceftaroline
<b>Gram Positive</b>																			
Enterococcus faecalis	12														100			100	
Staphylococcus aureus	63												100	71		58		100	
MSSA	36												100	68		100		100	
MRSA	27												100	73				100	100
Staphylococcus coagulase negative-ALL	64												79	41		26		100	

**Sterile site isolates include ONLY: Blood, CSF, and bone aspirates.**

*Blank cells indicate drug not tested or drug not indicated.*

**\*\*\*No VRE or VRSA (vancomycin resistant) isolated from sterile sites in 2020\*\*\***