

St. Louis Children's Hospital Antibigrams 2022

Updated April 25, 2023

Gram Positive Bacteria

Percent of Strains Susceptible

Saint Louis Children's Hospital - 2022	Percent of Strains Susceptible to Antimicrobial Indicated																
	# Strains Tested	Ampicillin	Cefazolin	Ceftriaxone	Ceftriaxone (non-meningitis)	Ceftriaxone (meningitis)	Clindamycin	Daptomycin [£]	Doxycycline	Erythromycin	Levofloxacin	Linezolid	Oxacillin	Penicillin (non-meningitis)	Penicillin (meningitis)	Trimethoprim-Sulfamethoxazole	Vancomycin
Gram Positive																	
<i>Staphylococcus aureus</i> - Inpatients	182		70	70			76	98	100	49		100	70			100	100
MRSA*	55		0	0			74		100	24		100	0			100	100
MSSA**	127		100	100			78	97	100	61		100	100			100	100
<i>Staphylococcus aureus</i> - Emergency Department	306		64	64			82	96	99	40		100	62			100	99
MRSA*	110		0	0			81		99	18		100	0			100	99
MSSA**	196		100	100			82	97	99	52		100	96			100	99
<i>Staphylococcus epidermidis</i>	43		26	26			49	97	93	23		100	26			56	100
<i>Enterococcus faecalis</i>	69	100							42			100					100
<i>Streptococcus pneumoniae</i> ^{&}	64				100	87	90		76		100		98	52	67	100	

* Methicillin-Resistant *Staphylococcus aureus*

** Methicillin-Susceptible *Staphylococcus aureus*

[£] Daptomycin routinely tested only on isolates from sterile sites.

[&] Indicates values are based on two years of data (2021-2022).

Shaded boxes indicate organism/antimicrobial combinations not tested routinely or insufficient data available for robust statistical analysis.

Data based on first isolate per patient for inpatients unless otherwise noted.

Gram Negative Bacteria

Percent of Strains Susceptible

Saint Louis Children's Hospital - 2022	Percent of Strains Susceptible to Antimicrobial Indicated																	
	# Strains Tested	Ampicillin	Ampicillin-Sulbactam	Aztreonam	Cefazolin	Cefepime	Cefiderocol	Ceftolozane-Tazobactam	Ceftriaxone	Ceftazidime	Ciprofloxacin	Gentamicin	Imipenem	Meropenem	Nitrofurantoin [†]	Piperacillin-Tazobactam	Tobramycin	Trimethoprim-Sulfamethoxazole
Gram Negative Bacilli																		
<i>Enterobacter cloacae</i> complex	35	•	•	•	•	100			•	•	94	100		100		•		97
<i>Escherichia coli</i> - Inpatients	125	45	65		82	99			96	98	90	86		100		98		71
<i>Escherichia coli</i> - Inpatients URINE ONLY	81	51			95	100			99	99	90	91		100	98	98		73
<i>Escherichia coli</i> - Emergency Department	295	52	48		92	97			94	96	86	91		100		99		76
<i>Escherichia coli</i> - Emergency Dept. URINE ONLY	283	52			93	98			94	96	87	90		100	99	99		77
<i>Klebsiella oxytoca</i>	36	0			33	100			83	86	92	92		100		92		83
<i>Klebsiella pneumoniae</i>	36	0			78	92			78	83	83	89		97		94		86
<i>Pseudomonas aeruginosa</i> (including mucoid morphotype)	75			93		99	100	100		99	91	88	92	92		99	91	

[†] Only indicated for uncomplicated cystitis.

• Because of the presence of inducible beta-lactamase, these organisms should be considered resistant to the antimicrobial indicated.

Shaded boxes indicate organism/antimicrobial combinations not tested routinely, or insufficient data available for robust statistical analysis.

Data based on first isolate per patient for inpatients unless otherwise noted.