

Antimicrobial Susceptibility Test Results for Gram-positive isolates recovered from adult and paediatric clinical specimens: 2023

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≥ 90% susceptible;
 70-89% susceptible;
 < 70% susceptible;
 Number = proportion susceptible (S/I); R = Resistant

Classification Number: LPMICCOMIN009 Date of issue: April 2024	Number tested	Penicillin	Amoxicillin	Flucloxacillin	Erythromycin	Clindamycin	Cotrimoxazole	Doxycycline	Vancomycin	Fusidic acid	Mupirocin	Ceftriaxone	Moxifloxacin	Nitrofurantoin ^e	Ciprofloxacin ^e
<i>Staphylococcus aureus</i> – all	4151	14	-	81	86	88	99	97	100	90	98	-	-	-	-
Methicillin-resistant <i>Staphylococcus aureus</i> ^a	726	R	R	R	77	84	99	96	100	77	99	R	-	-	-
<i>Staphylococcus epidermidis</i>	432	-	-	31	47	61	71	51	100	51	78	-	-	-	-
<i>Staphylococcus lugdunensis</i>	73	59	-	92	99	99	100	97	100	95	99	-	-	-	-
Other coagulase negative Staphylococci	252	-	-	35	55	66	82	78	100	77	88	-	-	-	-
<i>Streptococcus pyogenes</i>	1159	100	-	-	94	-	-	83	100	-	-	-	-	-	-
<i>Streptococcus dysgalactiae</i> (Group C/G)	260	100	-	-	76	-	-	51	100	-	-	-	-	-	-
<i>Streptococcus agalactiae</i> (Group B)	189	100	-	-	72	-	-	35	100	-	-	-	-	-	-
<i>Streptococcus pneumoniae</i> - non-meningitis criteria ^b	70	See note ^c	-	-	96	-	55	94	100	-	-	100	100	-	-
<i>Streptococcus pneumoniae</i> - meningitis criteria ^b	70	56 ^d	-	-	-	-	-	-	100	-	-	100	100	-	-
<i>Enterococcus faecalis</i>	545	-	100	R	R	R	R	R	100	-	-	R	-	100 ^e	97 ^e
<i>Enterococcus faecium</i>	100	-	18	R	R	R	R	R	98	-	-	R	-	63 ^e	21 ^e

^a MRSA are also resistant to amoxicillin-clavulanate, cephalosporins (excluding ceftaroline) and carbapenems.

^b *S. pneumoniae* isolates are from blood cultures and CSF only.

^c For non-meningitis *S. pneumoniae* isolates susceptibility is dose dependent; 100% susceptible at 1.2 g Q6H; 100% susceptible at 2.4 g Q6H or 1.2g Q4H; 100% susceptible at 2.4 g Q4H. Non-meningitis isolates are considered resistant when MIC > 2 mg/L. For non-meningitis isolates, a penicillin MIC of ≤0.06 mg/L can predict susceptibility to penicillin (oral or parenteral), and other β-lactam agents including amoxicillin, cefuroxime, ceftriaxone, and meropenem.

^d When meningitis is suspected, a penicillin MIC of ≤ 0.06 mg/L is considered susceptible.

^e Nitrofurantoin and ciprofloxacin only apply to lower urinary tract *Enterococcus* isolates (uncomplicated UTI).