

For a complete list of references, please visit antibiotics.toku-e.com

Microorganism Genus, Species, and Strain (if shown)

<i>Bacillus cereus</i>	3 – ?
<i>Bacillus subtilis</i> (ATCC 19659)	>3 – <10
<i>Borrelia afzelii</i> (EB1)	16 – ?
<i>Borrelia afzelii</i> (FEM1)	32 – ?
<i>Borrelia afzelii</i> (PKo)	32 – ?
<i>Borrelia bissettii</i> (25015)	8 – 64
<i>Borrelia burgdorferi</i>	64 – ?
<i>Borrelia burgdorferi</i> (Sensu stricto + B31)	16 – ?
<i>Borrelia burgdorferi</i> (Sensu stricto + LW2)	32 – ?
<i>Borrelia burgdorferi</i> (Sensu stricto + PKa-I)	8 – 64
<i>Borrelia burgdorferi</i> S.L.	64 – ?
<i>Borrelia garinii</i> (G1)	32 – ?
<i>Borrelia garinii</i> (PStH)	16 – ?
<i>Borrelia garinii</i> (PTrob)	64 – ?
<i>Borrelia valaisiana</i> (VS116)	0.5 – 4
<i>Brucella</i>	2 – >16
<i>Burkholderia cepacia</i>	>64 – ?
<i>Burkholderia cepacia</i>	0.25 – >512
<i>Burkholderia cepacia</i>	0.25 – 1
<i>Citrobacter diversus</i>	0.12 – >64
<i>Citrobacter freundii</i>	0.5 – 2
<i>Citrobacter freundii</i>	97 – ?
<i>Citrobacter freundii</i>	0.25 – 16
<i>Citrobacter koseri</i>	12.5 – 100
<i>Diplococcus pneumoniae</i>	0.25 – 32
<i>Enterobacter aerogenes</i>	0.5 – >16
<i>Enterobacter aerogenes</i>	0.5 – 1
<i>Enterobacter aerogenes</i>	93 – ?
<i>Enterobacter aerogenes</i>	0.25 – 32
<i>Enterobacter cloacae</i>	0.5 – >16
<i>Enterobacter cloacae</i>	0.5 – ?
<i>Enterobacter cloacae</i>	94 – ?
<i>Enterobacter cloacae</i> (ATCC 3047)	4 – ?
<i>Enterobacteriaceae</i>	0.03 – 128
<i>Enterococcus faecalis</i> (ATCC 29212)	16 – ?
<i>Enterococcus faecium</i> (119)	32 – ?
<i>Escherichia coli</i>	0.5 – ?
<i>Escherichia coli</i>	95 – ?
<i>Escherichia coli</i> (ATCC 25922)	0.475 – ?
<i>Escherichia coli</i> (ATCC 25922)	0.5 – ?
<i>Escherichia coli</i> (ATCC 25922)	1 – ?
<i>Escherichia coli</i> (CTX-M-9 producing)	<0.125 – 128
<i>Escherichia coli</i> (EC14 + Bioluminescence)	1 – ?
<i>Escherichia coli</i> (EC14 + Turbidity)	1 – ?
<i>Escherichia coli</i> (ESBL)	<0.125 – 128
<i>Escherichia coli</i> (ESBL)	0.5 – >16
<i>Escherichia coli</i> (ESBL)	0.125 – >128
<i>Escherichia coli</i> (JM83 + AAC6'/APH2")	128 – ?
<i>Escherichia coli</i> (JM83 + APH(3')-I)	1 – ?
<i>Escherichia coli</i> (JM83)	<1 – ?
<i>Escherichia coli</i> (NCTC 10418)	0.25 – ?
<i>Escherichia coli</i> (non-ESBL)	0.25 – 16
<i>Escherichia coli</i> (SHV-producing)	<0.125 – 32
<i>Haemophilus influenzae</i>	0.4 – 1.6
<i>Haemophilus influenzae</i> (tobramycin-intermediate)	8 – ?
<i>Haemophilus influenzae</i> (tobramycin-resistant)	≥16 – ?
<i>Haemophilus influenzae</i> (tobramycin-susceptible)	≤4 – ?
<i>Helicobacter pylori</i>	0.04 – 0.64
<i>Klebsiella oxytoca</i>	0.25 – 8
<i>Klebsiella pneumoniae</i>	≤0.25 – >16
<i>Klebsiella pneumoniae</i>	1 – ?
<i>Klebsiella pneumoniae</i>	95 – ?
<i>Klebsiella pneumoniae</i> (ESBL)	0.25 – >16
<i>Klebsiella pneumoniae</i> (non-ESBL)	0.25 – >16
<i>Klebsiella pneumoniae</i>	0.12 – >64
<i>Klebsiella pneumoniae</i>	0.25 – 0.5

Tobramycin Susceptibility and Minimum Inhibitory Concentration (MIC) Data

Concentration Range (µg/ml)

Issue date 01/06/2020

Microorganism Genus, Species, and Strain (if shown)

Microorganism Genus, Species, and Strain (if shown)	Concentration Range (µg/ml)
<i>Lactobacillus acidophilus</i>	4 – 32
<i>Lactobacillus brevis</i>	4 – 64
<i>Lactobacillus casei</i>	2 – >=256
<i>Lactobacillus delbrueckii</i>	2 – 128
<i>Lactobacillus fermentum</i>	4 – 128
<i>Lactobacillus plantarum</i>	1 – 64
<i>Lactobacillus rhamnosus</i>	2 – >=256
<i>Lactobacillus sp.</i>	1 – 256
<i>Legionella pneumophila</i>	0.25 – 4
<i>Listeria monocytogenes</i>	<=0.06 – 0.25
<i>Listeria spp. (Etest)</i>	0.094 – 1.5
<i>Moraxella catarrhalis</i>	0.03 – 0.5
<i>Morganella morganii</i>	0.25 – 32
<i>Morganella morganii</i>	0.5 – >16
<i>Morganella morganii</i>	0.25 – 2
<i>Mycobacterium fortuitum</i> (ATCC 6841)	16 – ?
<i>Mycobacterium fortuitum</i> (ATCC 6841)	32 – ?
<i>Neisseria spp.</i>	0.5 – 16
<i>Nocardia asteroides</i>	0.4 – >=100
<i>Pandoraea genom</i>	>16 – ?
<i>Pandoraea pnomenus</i>	>16 – ?
<i>Proteus mirabilis</i>	0.25 – 32
<i>Proteus mirabilis</i>	0.5 – >16
<i>Proteus mirabilis</i>	98 – ?
<i>Proteus rettgeri</i>	0.5 – >16
<i>Proteus vulgaris</i>	0.25 – 64
<i>Proteus vulgaris</i>	0.5 – 1
<i>Proteus vulgaris</i>	4 – ?
<i>Providencia spp.</i>	0.25 – 4
<i>Pseudomonas aeruginosa</i>	≤0.25 – >16
<i>Pseudomonas aeruginosa</i>	? – ?
<i>Pseudomonas aeruginosa</i>	0.5 – 4
<i>Pseudomonas aeruginosa</i>	1 – ?
<i>Pseudomonas aeruginosa</i>	2 – ?
<i>Pseudomonas aeruginosa</i>	4 – ?
<i>Pseudomonas aeruginosa</i>	4 – ?
<i>Pseudomonas aeruginosa</i>	92 – ?
<i>Pseudomonas aeruginosa</i> (14)	2 – ?
<i>Pseudomonas aeruginosa</i> (66)	2 – ?
<i>Pseudomonas aeruginosa</i> (ATCC 27853)	0.5 – ?
<i>Pseudomonas aeruginosa</i> (ATCC 27853)	0.95 – ?
<i>Pseudomonas aeruginosa</i> (ATCC 27853)	2 – ?
<i>Pseudomonas aeruginosa</i> (C43)	4 – ?
<i>Pseudomonas aeruginosa</i> (cbr(A) mutant)	8 – ?
<i>Pseudomonas aeruginosa</i> (cbr(B) mutant)	2 – ?
<i>Pseudomonas aeruginosa</i> (ciprofloxacin-resistant)	2 – ?
<i>Pseudomonas aeruginosa</i> (ciprofloxacin-susceptible)	0.25 – >64
<i>Pseudomonas aeruginosa</i> (ciprofloxacin-susceptible)	0.5 – ?
<i>Pseudomonas aeruginosa</i> (LESB58)	0.5 – ?
<i>Pseudomonas aeruginosa</i> (M18)	0.5 – ?
<i>Pseudomonas aeruginosa</i> (mucoid)	0.25 – >512
<i>Pseudomonas aeruginosa</i> (NCTC 10662)	0.5 – ?
<i>Pseudomonas aeruginosa</i> (non-mucoid)	0.5 – >512
<i>Pseudomonas aeruginosa</i> (par(R) mutant)	2 – ?
<i>Pseudomonas aeruginosa</i> (par(R) mutant)	2 – ?
<i>Pseudomonas aeruginosa</i> (par(S) mutant)	2 – ?
<i>Pseudomonas aeruginosa</i> (par(S) mutant)	2 – ?
<i>Pseudomonas aeruginosa</i> (PYOA + tobramycin-resistant)	8 – ?
<i>Pseudomonas aeruginosa</i> (PYOB + mucoid phenotype)	2 – ?
<i>Pseudomonas aeruginosa</i> (PYOD)	4 – ?
<i>Pseudomonas cepacia</i>	128 – 256
<i>Pseudomonas spp.</i>	0.06 – 128
<i>Serratia marcescens</i>	0.5 – >16
<i>Serratia marcescens</i>	0.25 – >64
<i>Serratia marcescens</i>	2 – >256
<i>Serratia marcescens</i>	79 – ?
<i>Serratia marcescens</i> (ATCC 13880)	16 – ?
<i>Staphylococci</i>	0.008 – 128
<i>Staphylococcus aureus</i>	0.25 – ?
<i>Staphylococcus aureus</i>	4 – ?
<i>Staphylococcus aureus</i>	>64 – ?
<i>Staphylococcus aureus</i> (3)	<1 – ?

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	Concentration Range (µg/ml)
<i>Staphylococcus aureus</i> (ATCC 29213)	0.5 – ?
<i>Staphylococcus aureus</i> (ATCC 6571)	0.12 – ?
<i>Staphylococcus aureus</i> (ciprofloxacin-susceptible + methicillin-resistant)	0.12 – 8
<i>Staphylococcus aureus</i> (methicillin-resistant)	? – ?
<i>Staphylococcus aureus</i> (methicillin-susceptible)	? – ?
<i>Staphylococcus aureus</i> (tobramycin-intermediate)	8 – ?
<i>Staphylococcus aureus</i> (tobramycin-resistant)	≥16 – ?
<i>Staphylococcus aureus</i> (tobramycin-susceptible)	≤4 – ?
<i>Staphylococcus epidermidis</i>	0.06 – >32
<i>Staphylococcus epidermidis</i>	0.06 – >32
<i>Staphylococcus epidermidis</i> (ciprofloxacin-susceptible + methicillin-resistant)	≤0.008 – 8
<i>Staphylococcus haemolyticus</i>	0.015 – >32
<i>Staphylococcus hominis</i>	0.015 – >32
<i>Staphylococcus lugdunensis</i>	0.03 – >32
<i>Staphylococcus saprophyticus</i>	≤0.008 – 32
<i>Staphylococcus saprophyticus</i> (ATCC 15305)	>1 – <3
<i>Staphylococcus warneri</i>	0.015 – >32
<i>Stenotrophomonas maltophilia</i>	2 – 0.16
<i>Stenotrophomonas maltophilia</i>	? – ?
<i>Stenotrophomonas maltophilia</i>	31 – ?
<i>Stenotrophomonas maltophilia</i> (levofloxacin-susceptible)	1 – >64
<i>Streptococcus agalactiae</i>	8 – >128
<i>Streptococcus anginosus</i>	0.5 – 128
<i>Streptococcus bovis</i>	0.5 – 128
<i>Streptococcus constellatus</i>	0.5 – 128
<i>Streptococcus faecalis</i>	32 – ?
<i>Streptococcus intermedius</i>	0.5 – 128
<i>Streptococcus mitis</i>	0.5 – 128
<i>Streptococcus oralis</i>	0.5 – 128
<i>Streptococcus pneumonia</i> (tobramycin-intermediate)	8 – ?
<i>Streptococcus pneumonia</i> (tobramycin-resistant)	≥16 – ?
<i>Streptococcus pneumonia</i> (tobramycin-susceptible)	≤4 – ?
<i>Streptococcus pneumoniae</i> (levofloxacin-susceptible)	4 – 32
<i>Streptococcus pyogenes</i>	4 – 64
<i>Streptococcus salivarius</i>	0.5 – 128
<i>Streptococcus sanguinis</i>	0.5 – 128
<i>Xanthomonas maltophilia</i>	2 – >256

The data above is sourced from The Antimicrobial Index. For further assistance, please contact us at info@toku-e.com or visit www.toku-e.com.