

For a complete list of references, please visit [antibiotics.toku-e.com](http://antibiotics.toku-e.com)

<b>Microorganism Genus, Species, and Strain (if shown)</b>	<b>Concentration Range (µg/ml)</b>
<i>Bacteroides bivius</i>	1 – >32
<i>Bacteroides disiens</i>	1 – 16
<i>Bacteroides distasonis</i>	1 – >32
<i>Bacteroides fragilis</i>	1 – >128
<i>Bacteroides melaninogenicus</i>	16 - >32
<i>Bacteroides ovatus</i>	1 – >32
<i>Bacteroides thetaiotaomicron</i>	1 – >32
<i>Bacteroides vulgatus</i>	1 – >32
<i>Borrelia burgdorferi</i> S.L.	0.25 – 4
<i>Branhamella catarrhalis</i>	0.03 – 1
<i>Brucella abortus</i>	0.06 – 2
<i>Brucella melitensis</i>	0.06 – 2
<i>Brucella suis</i>	0.06 – 2
<i>Citrobacter amalonaticus</i>	0.5 - 1
<i>Citrobacter diversus</i>	0.03 – 0.25
<i>Citrobacter freundii</i>	0.12 – >32
<i>Clostridium bifermentans</i>	>16 - >32
<i>Clostridium difficile</i>	>16 - >64
<i>Clostridium histolyticum</i>	1 – 64
<i>Clostridium perfringens</i>	1 – 64
<i>Clostridium ramosum</i>	>16 - >32
<i>Clostridium sordellii</i>	1 – 64
<i>Clostridium sporogenes</i>	1 – 64
<i>Clostridium</i> spp.	>16 - >32
<i>Enterobacter aerogenes</i>	0.12 – >4
<i>Enterobacter agglomerans</i>	≤0.008 – >32
<i>Enterobacter cloacae</i>	0.12 – >64
<i>Enterobacter sakazakii</i>	0.015 – 0.5
Enterobacteriaceae	0.03 – 128
Enterococci	8 - 128
<i>Enterococcus faecalis</i>	4 – >128
<i>Enterococcus faecium</i>	>64
<i>Enterococcus liquefaciens</i>	>64
<i>Enterococcus</i> spp.	>4
<i>Escherichia coli</i>	0.015 – 4
Haemolytic streptococci	0.03 – 0.5
<i>Haemophilus influenzae</i>	≤0.004 – >4
<i>Haemophilus parainfluenzae</i>	0.03 – 0.06
<i>Haemophilus</i> spp.	0.008 – 0.12
<i>Hafnia alvei</i>	1 – 4
<i>Helicobacter pylori</i>	0.03 – 8
<i>Hernia alvei</i>	>0.5 - >32
<i>Klebsiella oxytoca</i>	≤0.125
<i>Klebsiella oxytoca</i> (ceftazidime-resistant)	0.015 - 2
<i>Klebsiella pneumonia</i>	0.03 - 8
<i>Klebsiella</i> spp.	0.004 – 4
<i>Kluyvera</i> spp.	>0.5 - >32
<i>Listeria innocua</i>	>64
<i>Listeria ivanovii</i>	>64
<i>Listeria monocytogenes</i>	>64
<i>Listeria seeligeri</i>	>64
<i>Listeria welshimeri</i>	>64
<i>Moraxella catarrhalis</i>	0.008 – 0.5
<i>Morganella morganii</i>	0.004 – >128
<i>Neisseria gonorrhoeae</i> (penicillin-resistant)	0.004 – 6
<i>Neisseria meningitidis</i>	<0.06
<i>Neisseria</i> spp.	0.002 – 1
<i>Ochrobactrum anthropi</i> (SLO74)	≥128 – ?
<i>Peptococcus asaccharolyticus</i>	>16 - >32
<i>Peptostreptococcus anaerobius</i>	>16 - >32
<i>Pneumococci</i>	0.12 – 16
<i>Proteus mirabilis</i>	≤0.008 – 0.06
<i>Proteus vulgaris</i>	≤0.008 – 0.12
<i>Providencia alcalifaciens</i>	>0.5 - >32
<i>Providencia rettgeri</i>	≤0.008 – 8
<i>Providencia</i> spp.	0.008 – 0.5
<i>Providencia stuartii</i>	≤0.008 – 32
<i>Pseudomonas aeruginosa</i>	>4 – >64
<i>Pseudomonas cepacia</i>	32 – >64
<i>Pseudomonas fluorescens</i>	8 – >64
<i>Pseudomonas putida</i>	8 – >64
<i>Pseudomonas stutzeri</i>	2 – >64
<i>Salmonella Agona</i>	0.03 – 0.13
<i>Salmonella Brandenburg</i>	0.03 – 0.13
<i>Salmonella enteritidis</i>	0.03 – 0.25

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	<b>Concentration Range (µg/ml)</b>
<i>Salmonella typhimurium</i>	0.03 – 0.13
<i>Serratia liquefaciens</i>	0.25 – >64
<i>Serratia marcescens</i>	0.12 – >64
<i>Serratia spp.</i>	0.12 – >128
<i>Shigella boydii</i>	1 – 4
<i>Shigella flexneri</i>	0.5 - >32
<i>Shigella sonnei</i>	0.5 - >32
<i>Shigella spp.</i>	0.12 – 1
<i>Staphylococci</i>	4 – 64
<i>Staphylococcus aureus</i>	2 – 128
<i>Staphylococcus cohnii</i>	8 – >64
<i>Staphylococcus epidermidis</i>	≤0.008 – >32
<i>Staphylococcus haemolyticus (methicillin-resistant)</i>	2 - >64
<i>Staphylococcus hominis</i>	2 – 8
<i>Staphylococcus pseudintermedius</i>	≤1 – 32
<i>Staphylococcus saprophyticus</i>	4 – 128
<i>Staphylococcus simulans</i>	4 – 16
<i>Staphylococcus spp. (coagulase-negative)</i>	1 – >4
<i>Staphylococcus warneri</i>	2 – 8
<i>Stenotrophomonas maltophilia</i>	>32
<i>Streptococci</i>	0.06 – >8
<i>Streptococcus agalactiae</i>	0.25
<i>Streptococcus milleri (group)</i>	0.13 – 4
<i>Streptococcus mitior</i>	0.13 – 4
<i>Streptococcus pneumonia</i>	0.008 – 64
<i>Streptococcus pyogenes</i>	0.13 - 0.25
<i>Streptococcus spp.</i>	≤0.015 – 2
<i>Xanthomonas maltophilia</i>	4 – >64
<i>Yersinia enterocolitica</i>	0.06 – >8

The data above is sourced from The Antimicrobial Index. For further assistance, please contact us at [info@toku-e.com](mailto:info@toku-e.com) or visit [www.toku-e.com](http://www.toku-e.com).