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Doxycycline hyclate Susceptibility and Minimum Inhibitory Concentration (MIC) Data

Microorganism Genus, Species, and Strain (if shown)

Microorganism Genus, Species, and Strain (if shown)	Concentration Range (µg/ml)
<i>Aeromonas</i> spp.	4
<i>Bacillus cereus</i>	1.953 – 15.6
<i>Bacteroides merdae</i>	0.032 – 16
<i>Bacteroides ovatus</i>	0.032 – 16
<i>Bifidobacterium adolescentis</i>	0.032 – 16
<i>Bifidobacterium animalis</i> subsp. <i>lactis</i>	31.25
<i>Bifidobacterium</i> sp.	0.032 – 16
<i>Bordetella bronchiseptica</i>	0.039 - 0.053
<i>Borrelia afzelii</i>	0.125 – 0.25
<i>Borrelia bissettii</i>	0.25
<i>Borrelia burgdorferi</i>	0.06 – 2
<i>Borrelia garinii</i>	0.125 – 0.5
<i>Borrelia valaisiana</i>	0.125
<i>Brachyspira hyodysenteriae</i>	1.25
<i>Branhamella catarrhalis</i>	0.008 – 0.03
<i>Brevibacterium</i> spp.	0.12 – 2
<i>Brucella melitensis</i>	0.12 – 8
<i>Burkholderia cepacia</i>	1 – >16
<i>Burkholderia mallei</i>	0.5 - 1
<i>Campylobacter coli</i>	0.06 – 128
<i>Campylobacter gracilis</i>	2
<i>Campylobacter jejuni</i>	0.06 – 128
<i>Campylobacter rectus</i>	0.5
<i>Campylobacter showae</i>	0.5
<i>Campylobacter</i> spp.	64
<i>Capnocytophaga gingivalis</i>	0.5
<i>Capnocytophaga ochracea</i>	0.5
<i>Capnocytophaga</i> spp.	0.064 – >32
<i>Capnocytophaga sputigena</i>	0.5
<i>Chlamydia pneumonia</i>	0.03 – 0.25
<i>Chlamydia psittaci</i>	0.03
<i>Citrobacter freundii</i>	7.5
<i>Clostridium spiroforme</i>	0.06 – 16
<i>Corynebacterium afermentans</i>	0.12 – 2
<i>Corynebacterium amycolatum</i>	0.12 – 16
<i>Corynebacterium jeikeium</i>	0.12 – 2
<i>Corynebacterium matruchotii</i>	0.5
<i>Corynebacterium minutissimum</i>	0.06 – 0.5
<i>Corynebacterium pseudodiphtheriticum</i>	0.12 – 0.25
<i>Corynebacterium striatum</i>	0.25 – 32
<i>Corynebacterium urealyticum</i>	0.25 – 32
<i>Coryneform</i>	0.12 – 2
<i>Diplococcus pneumoniae</i>	0.005 – 0.1
<i>Edwardsiella hoshinae</i>	0.25 – 1
<i>Edwardsiella ictaluri</i>	0.06 – 0.5
<i>Edwardsiella tarda</i>	0.25 – ≥128
<i>Eikenella corrodens</i>	1
<i>Enterobacter aerogenes</i>	0.12 – >32
<i>Enterobacter cloacae</i>	0.06 – >32
<i>Enterobacteriaceae</i>	1 – 128
<i>Enterococcus avium</i>	0.25 – 32
<i>Enterococcus casseliflavus</i>	0.12 – 0.25
<i>Enterococcus faecalis</i>	0.064 – >256
<i>Enterococcus faecium</i>	≤0.06 – 64
<i>Enterococcus gallinarum</i>	0.12 – 16
<i>Enterococcus raffinosus</i>	0.12 – 16
<i>Enterococcus</i> spp.	>4
<i>Erysipelothrix rhusiopathiae</i>	0.5
<i>Escherichia coli</i>	0.064 – 1024
<i>Eubacterium saburreum</i>	0.5
<i>Eubacterium sulci</i>	0.5
<i>Finegoldia magna</i>	0.75 – 24
<i>Fusobacterium nucleatum</i>	0.032 – 16
<i>Fusobacterium periodonticum</i>	0.5
<i>Fusobacterium</i> spp.	0.032 – 16
<i>Gardnerella vaginalis</i>	0.125 – 32
<i>Gardnerella vaginalis</i>	0.5

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<i>Gemella morbillorum</i>	0.064 – >32
<i>Gemella morbillorum</i>	0.5
<i>Haemophilus influenzae</i>	0.064 – >32
<i>Haemophilus parainfluenzae</i>	0.064 – >32
<i>Haemophilus parasuis</i>	2.4 – 155
<i>Haemophilus spp.</i>	0.03 – 128
<i>Hemolytic streptococci</i>	0.064 – >256
<i>JK diphtheroids</i>	0.25 – 8
<i>Klebsiella pneumonia</i>	0.25 – >32
<i>Lactobacillus plantarum</i>	0.448
<i>Lactobacillus spp.</i>	0.12 – 8
<i>Legionella spp.</i>	1 – 8
<i>Leptotrichia buccalis</i> (ATCC 14201)	0.5
<i>Leuconostoc spp.</i>	1 – 4
<i>Listeria monocytogenes</i>	0.12 – 0.25
<i>Listeria spp.</i>	0.06 – 0.25
<i>Moraxella catarrhalis</i>	0.064 – >32
<i>Morganella morganii</i>	0.25 – >16
<i>Mycobacterium abscessus</i>	>128
<i>Mycobacterium avium complex</i>	8 – >128
<i>Mycobacterium chelonae</i>	≤0.25 – >128
<i>Mycobacterium fortuitum</i>	≤0.25 – >128
<i>Mycobacterium kansasii</i>	4 – 32
<i>Mycobacterium lentiflavum</i>	2 – >128
<i>Mycobacterium marinum</i>	0.5 – 16
<i>Mycobacterium peregrinum</i>	<0.25 – 128
<i>Mycoplasma fermentans</i>	≤0.008 – 1
<i>Mycoplasma gallisepticum</i>	0.006 – 0.2
<i>Mycoplasma genitalium</i>	≤0.015 – 0.12
<i>Mycoplasma hominis</i>	≤0.008 – 32
<i>Mycoplasma hyopneumoniae</i>	0.03 – 46.1
<i>Mycoplasma hyorhinis</i>	0.35 – 46.1
<i>Mycoplasma penetrans</i>	0.12 – 0.25
<i>Mycoplasma pneumonia</i>	0.016 – 2
<i>Mycoplasma synoviae</i>	0.0125 – 0.78
<i>Neisseria cinerea</i>	0.5 – >256
<i>Neisseria elongata</i>	0.5 – >256
<i>Neisseria gonorrhoeae</i>	0.06 – 4
<i>Neisseria mucosa</i>	0.5
<i>Neisseria sicca</i>	0.25 – >256
<i>Nocardia asteroides</i>	3.1 – 50
<i>Oerskovia spp.</i>	0.12 – 2
<i>Parvimonas micra</i>	0.047 – 4
<i>Pasteurella multocida</i>	0.106 – 1240
<i>Pediococcus spp.</i>	2 – 8
<i>Peptoniphilus gorbachii</i>	0.064 – 0.38
<i>Peptoniphilus harei</i>	0.064 – 24
<i>Peptoniphilus ivorii</i>	0.064 – 16
<i>Peptoniphilus lacrimalis</i>	0.125 – 4
<i>Peptoniphilus octavius</i>	0.19
<i>Peptostreptococcus anaerobius</i>	0.5 – 4
<i>Peptostreptococcus micros</i>	0.5
<i>Plesiomonas shigelloides</i>	4
<i>Pneumococci</i>	<0.06 – 32
<i>Porphyromonas endodontalis</i>	0.032 – 16
<i>Porphyromonas gingivalis</i>	0.5
<i>Prevotella buccae</i>	0.032 – 16
<i>Prevotella denticola</i>	0.032 – 16
<i>Prevotella intermedia</i>	0.032 – 4
<i>Prevotella loescheii</i>	0.032 – 16
<i>Prevotella melaninogenica</i>	0.032 – 16
<i>Prevotella nigrescens</i>	0.5
<i>Prevotella oralis</i>	0.032 – 8
<i>Prevotella oris</i>	0.032 – 16
<i>Prevotella spp.</i>	0.032 – 16
<i>Propionibacterium acnes</i>	0.5
<i>Propionibacterium sp.</i>	0.032 – 16
<i>Proteus mirabilis</i>	0.25 – 250
<i>Proteus rettgeri</i>	0.25 – >16
<i>Pseudomonas aeruginosa</i>	0.5 - 62.5
<i>Pseudomonas pseudomallei</i>	0.8 – 3.1
<i>Pseudomonas stutzeri</i>	31.25

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<i>Rhodococcus equi</i>	0.12 – >4
<i>Rothia dentocariosa</i>	0.064 – >32
<i>Rothia mucilaginoso</i>	0.064 – >32
<i>Ruminococcus gnavus</i>	0.25
<i>Salmonella enterica</i>	15.625
<i>Salmonella choleraesuis</i>	4
<i>Salmonella spp.</i>	128
<i>Salmonella typhimurium</i>	4
<i>Sarcina lutea</i>	<0.448
<i>Selenomonas noxia</i>	0.5
<i>Serratia marcescens</i>	0.25 – >16
<i>Shigella boydii</i>	15.6
<i>Shigella spp.</i>	128
<i>Staphylococci</i>	0.06 – 128
<i>Staphylococcus aureus</i>	0.06 – >32
<i>Staphylococcus epidermidis</i>	0.064 – >32
<i>Staphylococcus intermedius</i>	2
<i>Stenotrophomonas maltophilia</i>	≤0.12 – 64
<i>Streptococci</i>	0.02 – 32
<i>Streptococcus acidominimus</i>	0.032 – 16
<i>Streptococcus agalactiae</i>	0.125 – 32
<i>Streptococcus anginosus</i>	0.064 – >256
<i>Streptococcus bovis</i>	0.03 – 16
<i>Streptococcus constellatus</i>	0.064 – >256
<i>Streptococcus gordonii</i>	0.5
<i>Streptococcus intermedius</i>	0.064 – >256
<i>Streptococcus mitis</i>	0.125 – >128
<i>Streptococcus mutans</i>	7.8
<i>Streptococcus oralis</i>	0.125 – >128
<i>Streptococcus ovis</i>	0.032 – 16
<i>Streptococcus parasanguinis</i>	0.032 – 16
<i>Streptococcus pluranimalium</i>	0.032 – 16
<i>Streptococcus pneumonia</i>	0.06 – 32
<i>Streptococcus pyogenes</i>	0.06 – 16
<i>Streptococcus salivarius</i>	0.032 – 16
<i>Streptococcus sanguinis</i>	0.032 – 16
<i>Streptococcus sobrinus</i>	0.032 – 16
<i>Streptococcus spp.</i>	0.03 – 16
<i>Streptococcus suis</i>	4.8 – 38.8
<i>Streptococcus thoralensis</i>	0.032 – 16
<i>Tannerella forsythia</i>	0.5
<i>Turicella otitidis</i>	0.12 – 2
<i>Ureaplasma spp.</i>	0.016 – 32
<i>Ureaplasma urealyticum</i>	0.06 – >32
<i>Veillonella parvula</i>	1

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.