

A summary of the Bacterial Efficacy of Antec Virkon S (updated Dec 2012)

Organism	Ref. No	Dilution	Strain(where stated)	Country
<i>Actinobacillus pleuropneumoniae</i>	29	1:200		England
<i>Actinobacillus pleuropneumoniae</i>	144	1:100	ATCC 43336	USA
<i>Aeromonas hydrophila</i>	41	1:200		Finland
<i>Aeromonas salmonicida</i>	41	1:200	Subsp achromogenes	Finland
<i>Aeromonas salmonicida</i>	41	1:100	Subsp salmonicida	Finland
<i>Aeromonas salmonicida</i>	88	1:100	Subsp achromogenes	Sweden
<i>Aeromonas salmonicida</i>	191	1:200	Subsp salmonicida ATCC 14174	Norway
<i>Bacillus cereus</i>	122	1:100	ATCC 14579	USA
<i>Bacillus cereus</i>	157	1:100	ATCC 14579	USA
<i>Bacillus subtilis</i>	130	1:100	ATCC 19659	USA
<i>Bacillus subtilis</i>	130	1:100	NCIMB 8058	USA
<i>Bordetella avium</i>	70	1:100		USA
<i>Bordetella bronchiseptica</i>	29	1:150		England
<i>Bordetella bronchiseptica</i>	70	1:100		USA
<i>Brachyspira hyodysenteriae</i>	219		2 strains; ATCC 27164 + field strain	Czech Republic
<i>Brachyspira pilosicoli</i>	219		ATCC 51139	Czech Republic
<i>Brucella abortus</i>	126	1:100	ATCC 4315	USA
<i>Campylobacter coli</i>	23	1:100	Strain 169	Sweden
<i>Campylobacter jejuni</i>	23	1:100	Strain 167	Sweden
<i>Campylobacter jejuni</i>	145	1:100	ATCC 29428	USA
<i>Campylobacter pyloridis*</i>	151	1:100	GBL775	USA
* also known as <i>Helicobacter pylori</i>				
<i>Campylobacter jejuni</i>	227	1:200	type 365	Holland
<i>Chlamydia psittaci</i>	133	1:100	VR-125 (Strain 6BC)	USA
<i>Clostridium perfringens</i>	129	1:100		USA
<i>Clostridium perfringens</i>	169	1:100	ATCC13124	USA
<i>Coxiella burnetii</i>	241	1:100 / 1:50	Nine mile strain RS493	Holland
<i>Dermatophilus congolensis</i>	132	1:100	ATCC 14637	USA
<i>Enterococcus faecium</i>	63	1:100	ATCC 10541	England
<i>Enterococcus faecium</i>	158	1:100	ATCC 10541	England
<i>Enterococcus hirae</i>	148	1:200	CIP 58.55	France

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<i>Enterococcus hirae</i>	149	1:100	CIP 58.55	France
<i>Enterococcus hirae</i>	220	1:100	ATCC 10541	Italy
<i>Erwinia amylovora</i>	77	1:250	ICMP 9148	New Zealand
<i>Erwinia carotovora</i>	42	1:100	Subsp atroseptica	Finland
<i>Erysipelothrix rhusiopathiae</i>	70	1:100		USA
<i>Escherichia coli</i>	45	1:100	Strain NCTC 8196	Sweden
<i>Escherichia coli</i>	78	1:200	Strain ATCC 11229	England
<i>Escherichia coli</i>	109	1:100		USA
<i>Escherichia coli</i>	117	1:100	ATCC 11229	USA
<i>Escherichia coli</i>	118	1:200	ATCC 11229	USA
<i>Escherichia coli</i>	130	1:100	ATCC 11229	USA
<i>Escherichia coli</i>	130	1:100	NCIMB 9517	USA
<i>Escherichia coli</i>	148	1:200	CIP 54.127	France
<i>Escherichia coli</i>	149	1:100	CIP 54.127	France
<i>Escherichia coli</i>	151	1:100	GBL 642	USA
<i>Escherichia coli</i>	164	1:100	Strain O157	England
<i>Escherichia coli</i>	177	1:100		Canada
<i>Escherichia coli</i>	194	1:100	EcFH/64/a	UK
<i>Escherichia coli</i>	194	1:100	strain 0157	UK
<i>Escherichia coli</i>	196	1:200	strain CIP 54.127	France
<i>Escherichia coli</i>	198	1:1000	Bacteriophage T2 with E coli B	France
<i>Escherichia coli</i>	198	1:500	Bacteriophage MS 2 with E coli HfrH	France
<i>Escherichia coli</i>	198	1:2000	Bacteriophage OX 174 with E coli ATCC	France
<i>Escherichia coli</i>	202	1:100	ATCC 11229	USA
<i>Escherichia coli</i>	35	1:1000	field isolate	Japan
<i>E hirae</i>	194	1:100	Eh/FH64/a	UK
<i>E hirae</i>	196	1:200	CIP 58.55	France
<i>Erysipelothrix rhusiopathiae</i>	35	1:1000	field isolate	Japan
<i>Haemophilus pleuropneumoniae</i>	35	1:1000	field isolate	Japan
<i>Haemophilus somnus</i>	70	1:100		USA
<i>Klebsiella pneumoniae</i>	151	1:100	GBL 132	USA
<i>Klebsiella pneumoniae</i>	202	1:100	ATCC 4352	USA
<i>Klebsiella pneumoniae</i>	212	1:100	ATCC 4352	USA
<i>Lawsonia intracellularis</i>	163	1:100	2 strains	Scotland
<i>Legionella pneumophila</i>	32	1:5000	NCTC 11192	England
<i>Listeria monocytogenes</i>	70	1:100		USA
<i>Listeria monocytogenes</i>	120	1:100	lux AD recombinant	England

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Listeria monocytogenes	120	1:1400	lux AD recombinant	England
Listeria monocytogenes	190	1:100	ATCC 19117	USA
Listeria monocytogenes	194	1:100	LmFH66/a	UK
Moraxella bovis	70	1:100		USA
Mycoplasma gallisepticum	4	1:50	Strain 56	England
Mycoplasma gallisepticum	49	1:100		USA
Mycoplasma hyorhinis	29	1:800		England
Mycoplasma mycoides	186	1:200	3 strains B102 strain Afade and NCTC 10114	
Mycoplasma mycoides	189	1:200	3 strains (Portugal B103) Africa (strain Afade) NCTC (10114)	
Ornithobacterium rhinotracheale	177	1:100		Canada
Pasteurella haemolytica	70	1:100		USA
Pasteurella multocida	24	1:150	Strain CB169	England
Pasteurella multocida	125	1:100	ATCC 12947	USA
Pasteurella multocida	177	1:100		Canada
Pasteurella multocida	35	1:1000	field isolate	Japan
Proteus hauseri	220	1:100		Italy
Proteus mirabilis	63	1:100	ATCC 14153	England
Proteus mirabilis		1:200	ATCC 14153	W Germany
Proteus mirabilis	158	1:100	ATCC 14153	England
Proteus vulgaris	220		ATCC 13315	Italy
Proteus vulgaris	61	Powder	Strain NCTC 4635	England
Proteus vulgaris	67	Powder	Strain NCTC 4635	England
Pseudomonas aeruginosa	25	1:100		Belgium
Pseudomonas aeruginosa	25	1:200		Belgium
Pseudomonas aeruginosa	25	1:50		Belgium
Pseudomonas aeruginosa	37	1:100		Greece
Pseudomonas aeruginosa	38	1:200	Strain NCTC 6749	Australia
Pseudomonas aeruginosa	45	1:100	Strain 6749	Sweden
Pseudomonas aeruginosa	46	1:100	Strain NCTC 10662	England
Pseudomonas aeruginosa	64	1:100		Canada
Pseudomonas aeruginosa	67	Powder	Strain NCTC 6749	England
Pseudomonas aeruginosa	75	1:50	ATCC 15442	England
Pseudomonas aeruginosa	109	1:256		USA
Pseudomonas aeruginosa	113	1:200	ATCC 15442	USA
Pseudomonas aeruginosa	114	1:100	ATCC 15442	USA
Pseudomonas aeruginosa	130	1:100	ATCC 15442	USA
Pseudomonas aeruginosa	130	1:100	NCIMB 10421	USA
Pseudomonas aeruginosa	148	1:200	CIP A22	France

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<i>Pseudomonas aeruginosa</i>	149	1:100	CIP A22	France
<i>Pseudomonas aeruginosa</i>	150	1:100	ATCC15442	USA
<i>Pseudomonas aeruginosa</i>	157	1:100	NCIMB 10421	USA
<i>Pseudomonas aeruginosa</i>	194	1:100	Pa FH 72/a	UK
<i>Pseudomonas aeruginosa</i>	196	1:200	CIP103467	France
<i>Pseudomonas aeruginosa</i>	158	1:100	ATCC 15442	England
<i>Pseudomonas aeruginosa</i>	220	1:100	ATCC 15442	Italy
<i>Pseudomonas aeruginosa</i>	35	1:1000	field isolate	Japan
<i>Pseudomonas anguilliseptica</i>	88	1:100		Sweden
<i>Renibacterium salmoninarum</i>	88	1:100		Sweden
<i>Salmonella</i> 4,12,b	65	1:100		Denmark
<i>Salmonella arizona</i>	177	1:100		Canada
<i>Salmonella choleraesuis</i>	1	1:100		England
<i>Salmonella choleraesuis</i>	75	1:50	ATCC 10708	England
<i>Salmonella choleraesuis</i>	146	1:100	ATCC 23564	USA
<i>Salmonella choleraesuis</i>	150	1:100	ATCC 10708	USA
<i>Salmonella choleraesuis</i>	152	1:100	ATCC 23564	USA
<i>Salmonella enteritidis</i>	28	1:100	Phage type 4	England
<i>Salmonella enteritidis</i>	70	1:50		USA
<i>Salmonella</i> serovar gallinarum-pullorum	35	1:1000	field isolate	Japan
<i>Salmonella heidelberg</i>	65	1:15		Denmark
<i>Salmonella indiana</i>	65	1:15		Denmark
<i>Salmonella landorf</i>	65	1:15		Denmark
<i>Salmonella montevideo</i>	65	1:15		Denmark
<i>Salmonella thomasville</i>	65	1:200		Denmark
<i>Salmonella typhi</i>	92	1:400	NIPM 90061	Taiwan
<i>Salmonella typhimurium</i>	35	1:500	Strain HT-2	Japan
<i>Salmonella typhimurium</i>	151	1:100	GBL 106	USA
<i>Salmonella typhimurium</i>	165	1:200	DT104	England
<i>Salmonella typhimurium</i>	202	1:100	ATCC 23564	USA
<i>Salmonella typhimurium</i>	194	1:100	St FH 68/a	England
<i>Salmonella enteritidis</i>	227	1:200	CVI-WUR-Lelystad strain	Holland
<i>Salmonella hadar</i>	227	1:200	CVI-WUR-Lelystad strain	Holland
<i>Salmonella infantis</i>	227	1:200	CVI-WUR-Lelystad strain	Holland
<i>Salmonella typhimurium</i>	227	1:200	CVI-WUR-Lelystad strain	Holland
<i>Salmonella virchow</i>	227	1:200	CVI-WUR-Lelystad strain	Holland
<i>Salmonella java</i>	195	1:100	<i>Salmonella</i> paratyphi B biovar Java	Holland
<i>Serpulina hyodysenteriae</i> *	31	1:400	Isolate P152	Scotland
<i>Serpulina hyodysenteriae</i> *	70	1:100		USA
* The Treponemas have changed their name to the Serpulinas.				
<i>Serratia marcescens</i>	64	1:100		Canada

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Shigella flexneri	92	1:200	NIPM 900213	Taiwan
Shigella sonnei	121	1:100	ATCC 25931	USA
Staphylococcus aureus	26	1:200	Strain 135	Greece
Staphylococcus aureus	25	1:100		Belgium
Staphylococcus aureus	25	1:100		Belgium
Staphylococcus aureus	25	1:200		Belgium
Staphylococcus aureus	36	1:100	ATCC 6538	Holland
Staphylococcus aureus	49	1:100		USA
Staphylococcus aureus	63	1:100	ATCC 6538	England
Staphylococcus aureus	45	1:100	Strain NCTC 3163	Sweden
Staphylococcus aureus	75	1:50	ATCC 6538	England
Staphylococcus aureus	109	1:100		USA
Staphylococcus aureus	115	1:100	ATCC 6538	USA
Staphylococcus aureus	116	1:200	ATCC 6538	USA
Staphylococcus aureus	130	1:100	ATCC 6538	USA
Staphylococcus aureus	130	1:100	NCIMB 9518	USA
Staphylococcus aureus	139	1:100	ATCC 6538	USA
Staphylococcus aureus	139	1:100	NCIMB 9518	USA
Staphylococcus aureus	148	1:2000	CIP 53.154	France
Staphylococcus aureus	149	1:100	CIP 53.154	France
Staphylococcus aureus	150	1:100	ATCC 6538	USA
Staphylococcus aureus	158	1:100	ATCC 6538	UK
Staphylococcus aureus	194	1:100		UK
Staphylococcus aureus	196	1:100	CIP 4.83	France
Staphylococcus aureus	177	1:100		Canada
Staphylococcus aureus	197	1:100	CIP 4.83	France
Staphylococcus aureus	220	1:100	ATCC 6538	Italy
Staphylococcus aureus	227	1:100	pig MRSA isolate	Holland
Staphylococcus aureus	212	1:100	ATCC 6538	USA
Staphylococcus aureus	35	1:1000	field isolate	Japan
Staphylococcus epidermidis	202	1:100	ATCC 12228	USA
Staphylococcus epidermidis	106	1:100	ATCC 14990	Italy
Staphylococcus epidermidis	151	1:100	GBL 6	USA
Staphylococcus intermedius	147	1:200	Noble 4060	UK
Streptococcus equi	39	1:100		Scotland
Streptococcus equi	70	1:100		USA
Streptococcus lactis	198	1:4000	lactic 66 Strep lactis bacteriophage	France
Streptococcus pyogenes	151	1:100	GBL 7	USA
Streptococcus pyogenes	202	1:100	ATCC 11229	USA
Streptococcus suis	24	1:150	Strain CB194	England
Streptococcus suis	35	1:1000	field isolate	Japan
Streptococcus suis	124	1:100	ATCC 43765	USA
Streptococcus zooepidemicus	39	1:100		Scotland
Taylorella (Haemophilus) equigenitalis	68	1:400	CEM 1574/87	Sweden
Taylorella (Haemophilus) equigenitalis	68	1:400	CEM 769/87	Sweden

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Taylorella (Haemophilus) equigenitalis	68	1:400	CEM 3336/88	Sweden
Taylorella (Haemophilus) equigenitalis	68	1:100	CEM 486/91	Sweden
Taylorella (Haemophilus) equigenitalis	70	1:100	taylorella CEM	USA
Vibrio anguillarum	88	1:100	serotype 1	Sweden
Vibrio harveyi	181	2ppm	VO22, VH1280	Thailand
Vibrio spp.	181	2ppm	LY, 4Y	Thailand
Xanthomonas campestris	159	1:100	Isolate 90-222	Holland
Xanthomonas axonopodis	201	1:100	ATCC 49118	USA
Yersinia enterocolitica	194	1:100	YeFH67/a	UK
Yersinia ruckeri	41	1:50		Finland
Yersinia ruckeri	192	1:100	ATCC 29473	Norway
Yersinia ruckeri	88	1:100	serotype 1	Sweden