

Canine	Disk Diffusion Susceptibility Profile of Canine Pathogens Submitted to ISU VDL in 2006 - 2007											
	B bron	E coli	E faec	E faem	Ente	K pneu	P aer	P mult	Pseu	S aur	S int	Strep
Number of Isolates*	27	287	73	42	44	31	63	30	32	16	210	114
	Percent Susceptible***											
Amikacin	96%	97%	3%	7%	100%	94%	97%	93%	75%	100%	100%	7%
Acid	96%	63%	99%	40%	18%	74%	3%	100%	28%	100%	88%	97%
Ampicillin**	41%	31%	99%	36%	14%	3%	0%	100%	19%	31%	24%	91%
Ceftiofur	7%	85%	45%	7%	82%	87%	3%	100%	34%	100%	88%	94%
Cephalothin	56%	27%	1%	12%	11%	68%	0%	100%	19%	100%	88%	94%
Chloramphenicol	0%	1%	4%	14%	7%	0%	0%	0%	0%	0%	3%	2%
Clindamycin**	0%	0%	1%	14%	0%	0%	0%	10%	3%	88%	75%	69%
Enrofloxacin**	96%	78%	19%	10%	80%	90%	21%	100%	53%	100%	87%	52%
Erythromycin	41%	0%	12%	12%	0%	0%	3%	60%	19%	88%	73%	87%
Gentamicin**	93%	91%	74%	43%	91%	97%	94%	97%	72%	94%	92%	57%
Neomycin	96%	82%	3%	10%	84%	81%	37%	93%	72%	88%	82%	11%
Orbifloxacin**	67%	77%	1%	2%	75%	90%	13%	97%	44%	94%	86%	22%
Ormetoprim / Sulfadimethoxine		0%	1%	2%	0%	0%	0%	0%	0%	0%	0%	0%
Oxacillin	ND	ND	ND	ND	ND	ND	ND	ND	ND	94%	ND	ND
Penicillin	4%	0%	88%	24%	0%	0%	2%	100%	13%	31%	23%	90%
Sulfachloropyridazine	26%	83%	8%	2%	91%	90%	10%	100%	56%	81%	74%	51%
Tetracycline	100%	70%	62%	36%	61%	65%	5%	100%	44%	81%	64%	32%
Trimethoprim / Sulphamethoxazole	37%	75%	97%	29%	91%	90%	8%	97%	41%	81%	61%	83%

Key:

B bron - Bordetella bronchiseptica
E coli = Escherichia coli
E faec - Enterococcus faecalis
E faem = Enterococcus faecium

Ente = Enterobacter species
K pneu = Klebsiella pneumoniae
P aer = Pseudomonas aeruginosa
P mult = Pasteurella multocida

Pseu - Pseudomonas species
S aur - Staphylococcus aureus
S int - Staphylococcus intermedius
Strep - Streptococcus canis

* In vitro antimicrobial test results do not represent therapeutic recommendations from the VDL or personnel therein. Extra/Off label usage of an antimicrobial which is limited/prohibited for certain species may result in legal action by FDA-CVM.

** These are the only antimicrobials with valid breakpoints correlated with clinical outcome in species presented.

*** Percent of isolates with a susceptible value.

**** Methicillin resistant is represented by oxacillin.

ND Not done