

Equine	Disk Diffusion Susceptibility Profile of Equine Pathogens submitted to the ISU VDL in 2006- 2007										
	A equ	B bron	P aer	Past	P cab	R equ	S aur	S equi	S equus	S typh	S zoo
Number of Isolates*	10	3	20	2	2	10	16	16	12	1	85
	Percent susceptible***										
Amikacin	40%	33%	85%	50%	100%	100%	100%	13%	0%	100%	6%
Ampicillin**	100%	0%	0%	100%	100%	10%	81%	100%	100%	100%	99%
Ceftiofur**	100%	0%	0%	100%	100%	50%	94%	100%	100%	100%	99%
Cephalothin	100%	33%	0%	100%	100%	0%	94%	100%	100%	100%	100%
Clindamycin	0%	0%	0%	50%	0%	0%	100%	50%	83%	0%	33%
Enrofloxacin	100%	67%	25%	100%	100%	70%	94%	100%	58%	100%	65%
Erythromycin	10%	0%	0%	50%	100%	90%	100%	100%	92%	0%	99%
Gentamicin**	70%	67%	85%	100%	100%	100%	88%	88%	67%	100%	60%
Neomycin	20%	100%	30%	50%	100%	90%	100%	6%	0%	100%	2%
Oxacillin****	ND	ND	ND	ND	ND	ND	94%	ND	ND	ND	ND
Penicillin	30%	0%	0%	50%	50%	0%	75%	100%	100%	0%	98%
Rifampin	50%	0%	0%	100%	100%	100%	88%	100%	100%	0%	95%
Sulfachloropyridazine	100%	67%	5%	100%	100%	100%	88%	94%	75%	100%	47%
Tetracycline	100%	67%	5%	100%	100%	70%	88%	100%	17%	100%	18%
Ticarcillin	100%	67%	70%	100%	100%	10%	94%	100%	100%	100%	99%
Ticarcillin/Clavulanic Acid	100%	67%	55%	100%	100%	30%	94%	100%	100%	100%	99%
Trimethoprim / Sulphamethoxazole	90%	67%	0%	100%	100%	30%	88%	100%	100%	100%	85%

Key:

A equ = Actinobacillus equuli
 B bron = Bordetella bronchiseptica
 P aer = Pseudomonas aeruginosa
 Past = Pasteurella species

P cab = Pasteurella caballi
 R equ = Rhodococcus equi
 S aur = Staphylococcus aureus
 S equi = Streptococcus equi

S equus = Streptococcus equisimilis
 S typh = Salmonella typhimurium
 S zoo = Streptococcus zooepidemicus

* 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