

Data reported as: % susceptible (# isolates tested)<sup>1</sup>

	A equ	B bron	P aer	Past	R equ	Salm B	S aur	S equi	S equs	S zoo
Amikacin	90% (10)	100% (1)	100% (2)	100% (1)	100% (2)	100% (11)	100% (8)	0% (1)	17% (6)	0% (24)
Amoxicillin/Clavulanic Acid	100% (3)	ND	0% (2)	ND	50% (2)	100% (2)	100% (3)	ND	ND	100% (6)
Ampicillin	100% (10)	0% (1)	0% (2)	100% (1)	0% (2)	91% (11)	50% (8)	100% (1)	100% (6)	100% (24)
Azithromycin	NI	NI	ND	100% (1)	ND	NI	80% (5)	100% (1)	100% (6)	100% (18)
Cefazolin	80% (10)	0% (1)	0% (2)	100% (1)	0% (2)	91% (11)	100% (8)	100% (1)	100% (6)	100% (24)
Cefoxitin	67% (3)	ND	0% (2)	ND	50% (2)	100% (2)	100% (3)	ND	ND	100% (6)
Cefpodoxime	100% (3)	ND	0% (2)	ND	0% (2)	100% (2)	100% (3)	ND	ND	100% (6)
Ceftazidime	100% (7)	100% (1)	ND	100% (1)	ND	89% (9)	100% (5)	100% (1)	100% (6)	100% (18)
Ceftiofur	80% (10)	0% (1)	0% (2)	100% (1)	0% (2)	91% (11)	100% (8)	100% (1)	100% (6)	100% (24)
Cephalothin	67% (3)	ND	0% (2)	ND	0% (2)	100% (2)	100% (3)	ND	ND	100% (6)
Chloramphenicol	90% (10)	100% (1)	0% (2)	100% (1)	0% (2)	91% (11)	100% (8)	100% (1)	100% (6)	100% (24)
Clarithromycin	NI	NI	ND	NI	ND	NI	80% (5)	NI	NI	NI
Clindamycin	0% (3)	ND	0% (2)	ND	0% (2)	0% (2)	100% (3)	ND	ND	67% (6)
Doxycycline	100% (7)	100% (1)	ND	100% (1)	ND	89% (9)	80% (5)	100% (1)	83% (6)	89% (18)
Enrofloxacin	90% (10)	100% (1)	100% (2)	100% (1)	0% (2)	100% (11)	63% (8)	0% (1)	83% (6)	38% (24)
Erythromycin	0% (10)	0% (1)	0% (2)	0% (1)	100% (2)	0% (11)	88% (8)	100% (1)	83% (6)	75% (24)
Gentamicin	90% (10)	100% (1)	100% (2)	100% (1)	100% (2)	100% (11)	75% (8)	0% (1)	50% (6)	8% (24)
Imipenem	100% (10)	100% (1)	100% (2)	100% (1)	100% (2)	100% (11)	100% (8)	100% (1)	100% (6)	100% (24)
Oxacillin <sup>3</sup>	NA	NA	NA	NA	NA	NA	100% (8)	NA	NA	NA
Penicillin	0% (10)	0% (1)	0% (2)	0% (1)	0% (2)	0% (11)	63% (8)	100% (1)	100% (6)	100% (24)
Rifampin	89% (10)	0% (1)	0% (2)	100% (1)	100% (2)	0% (11)	88% (8)	100% (1)	100% (6)	100% (24)
Tetracycline	100% (10)	100% (1)	0% (2)	100% (1)	100% (2)	91% (11)	63% (8)	100% (1)	50% (6)	21% (24)
Ticarcillin	100% (10)	0% (1)	100% (2)	100% (1)	0% (2)	91% (11)	100% (8)	100% (1)	100% (6)	100% (24)
Ticarcillin/Clavulanic Acid	100% (10)	100% (1)	100% (2)	100% (1)	0% (2)	91% (11)	100% (8)	100% (1)	100% (6)	100% (24)
Trimethoprim/ Sulphamethoxazole	100% (10)	0% (1)	0% (2)	100% (1)	50% (2)	91% (11)	63% (8)	100% (1)	100% (6)	100% (24)

<sup>3</sup> Isolates resistant to oxacillin are interpreted as methicillin resistant.

**Key:**

1	Data is reported as: % susceptible (# isolates tested) - not all bacteria isolated at ISU VDL have been tested for antimicrobial susceptibility	
2	See Salmonella serotype table for most common serotypes isolated within each group	
3	Isolates resistant to oxacillin are interpreted as potentially methicillin resistant.	
4	A result of $\leq 2$ ug/ml for Carbadox is a conservative indicator of bacterial inhibition by this antimicrobial agent. The result shown is based on pharmacokinetic research indicating an average Carbadox level of 4.5 mcg/ml in the small intestine of pigs fed a dose rate of 50 g/ton. (De Graff 1988).	
5	Multidrug resistant isolates were found resistant to most classes of antimicrobial in the 1 <sup>st</sup> round of testing. This table represents additional Disk Diffusion testing for those isolates.	
NA	Not applicable	
ND	Not done	
NI	No interpretation	
A equ - Actinobacillus equuli	H ecol - hemolytic E. coli	S aur - Staphylococcus aureus
A suis - Actinobacillus suis	H som - Histophilus somni	S beta- Beta Streptococcus species
Abua - Acinetobacter species	HPS - Haemophilus parasuis	S can - Streptococcus canis
Amy - Actinomyces species	K pneu - Klebsiella pneumoniae	S chol - Salmonella choleraesuis
APP - Actinobacillus pleuropneumoniae	M bov - Moraxella bovis	S dysg - Streptococcus dysgalactiae
B bron - Bordetella bronchiseptica	M haem - Mannheimia haemolytica	S epi- Staphylococcus epidermidis
B tre - Bibersteinia trehalosi (formerly Pasteurella trehalosi)	P aer - Pseudomonas aeruginosa	S equi - Streptococcus equi
Bact - Bacteroides group	P cab - Pasteurella caballi	S equus - Streptococcus equisimilis
C diff - Clostridium difficile	P mult - Pasteurella multocida	S pint - Staph pseudintermedius
C perf - Clostridium perfringens	Past - Pasteurella species	S suis - Streptococcus suis
Clos - Clostridium species	Pec - Peptococcus species	S ube - Streptococcus uberis
E coli - Escherichia coli	Pes - Peptostreptococcus species	S zoo - Streptococcus zooepidemicus
E fael - Enterococcus faecalis	Pmul A - Pasteurella multocida Type A	Salm sp- Salmonella species
E faem - Enterococcus faecium	Pmul D - Pasteurella multocida Type D	Salm B - Salmonella species group B
Enc - Enterococcus species	Prot - Proteus species	Salm C1 - Salmonella species group C1
Ente - Enterobacter species	Prp - Propionibacterium species	Salm C2 - Salmonella species group C2
Erys - Erysipelothrix	Pseu - Pseudomonas species	Salm D - Salmonella species group D
Fus - Fusobacterium	R equ - Rhodococcus equi	Salm E - Salmonella species group E
G ana - Gallibacterium anatis		