

Data reported as: % susceptible (# isolates tested)¹

	E coli	M haem	P mult	B tre	Salm
Ampicillin	100% (6)	62% (39)	98% (46)	86% (7)	100% (16)
Ceftiofur	100% (6)	87% (39)	100% (46)	100% (7)	100% (16)
Chlortetracycline	33% (6)	28% (39)	96% (46)	86% (7)	100% (16)
Clindamycin	17% (6)	0% (39)	0% (46)	0% (7)	0% (16)
Danofloxacin	100% (6)	89% (39)	98% (46)	86% (7)	100% (16)
Enrofloxacin	100% (6)	90% (39)	98% (46)	86% (7)	100% (16)
Florfenicol	100% (6)	15% (39)	100% (46)	100% (7)	100% (16)
Gentamicin	100% (6)	82% (39)	100% (46)	100% (7)	100% (16)
Neomycin	83% (6)	64% (39)	87% (46)	86% (7)	100% (16)
Oxytetracycline	33% (6)	28% (39)	85% (46)	71% (7)	100% (16)
Penicillin	17% (6)	0% (39)	37% (46)	71% (7)	0% (16)
Spectinomycin	0% (6)	0% (39)	91% (46)	86% (7)	0% (16)
Sulfadimethoxine	83% (6)	28% (39)	52% (46)	14% (7)	25% (16)
Tiamulin	100% (6)	0% (39)	96% (46)	71% (7)	0% (16)
Tilmicosin	100% (6)	0% (39)	93% (46)	100% (7)	0% (16)
Trimethoprim/Sulphamethoxazole	100% (6)	72% (39)	7% (46)	14% (7)	100% (16)
Tulathromycin	NI	NI	100% (46)	100% (7)	NI
Tylosin (Tartrate/Base)	0% (6)	NI	2% (46)	0% (7)	NI

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 ≤ 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 st 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		