

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

Antibiotic	B tre	E coli	M haem	P mult	Salm sp
Ampicillin	100% (5)	45% (44)	94% (36)	100% (7)	74% (19)
Ceftiofur	100% (5)	75% (44)	100% (36)	100% (7)	79% (19)
Chlortetracycline	60% (5)	27% (44)	92% (36)	86% (7)	68% (19)
Clindamycin	0% (5)	0% (44)	0% (36)	0% (7)	0% (19)
Danofloxacin	100% (5)	77% (44)	97% (36)	86% (7)	74% (19)
Enrofloxacin	100% (5)	89% (44)	100% (36)	100% (7)	100% (19)
Florfenicol	100% (5)	11% (44)	100% (36)	100% (7)	53% (19)
Gentamicin	100% (5)	93% (44)	97% (36)	100% (7)	100% (19)
Neomycin	100% (5)	61% (44)	92% (36)	100% (7)	89% (19)
Oxytetracycline	40% (5)	27% (44)	83% (36)	86% (7)	68% (19)
Penicillin	0% (5)	0% (44)	22% (36)	100% (7)	0% (19)
Spectinomycin	0% (5)	5% (44)	97% (36)	86% (7)	0% (19)
Sulfadimethoxine	100% (5)	20% (44)	50% (36)	14% (7)	21% (19)
Tiamulin	100% (5)	0% (44)	100% (36)	86% (7)	0% (19)
Tilmicosin	100% (5)	0% (44)	100% (36)	100% (7)	0% (19)
Trimethoprim/Sulphamethoxazole	100% (5)	59% (44)	100% (36)	100% (7)	89% (19)
Tulathromycin	NI	NI	94% (36)	100% (7)	0% (19)

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		