

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

Antibiotic	B tre	E coli	H som	M bov	M haem	P mult	Salm B ²	Salm C ²	Salm D ²	Salm sp ²
Ampicillin	60% (30)	23% (780)	92% (294)	100% (81)	62% (675)	99% (526)	44% (127)	58% (31)	13% (126)	92% (172)
Ceftiofur	97% (30)	53% (780)	98% (294)	99% (81)	99% (675)	100% (526)	63% (127)	58% (31)	13% (126)	94% (172)
Chlortetracycline	73% (30)	9% (769)	98% (294)	99% (81)	59% (675)	94% (526)	36% (127)	45% (31)	2% (126)	74% (172)
Clindamycin	0% (30)	0% (770)	36% (294)	7% (81)	0% (675)	0% (526)	0% (127)	0% (31)	0% (126)	0% (172)
Danofloxacin	47% (30)	47% (769)	72% (294)	7% (81)	55% (675)	85% (526)	66% (127)	81% (31)	72% (126)	81% (172)
Enrofloxacin	60% (30)	56% (770)	77% (294)	100% (81)	57% (675)	93% (526)	93% (127)	100% (31)	98% (126)	99% (172)
Florfenicol	77% (30)	6% (769)	94% (294)	93% (81)	73% (675)	95% (526)	29% (127)	42% (31)	3% (126)	56% (172)
Gentamicin	90% (30)	69% (770)	23% (294)	96% (81)	61% (675)	78% (526)	89% (127)	100% (31)	98% (126)	98% (172)
Neomycin	57% (30)	33% (769)	7% (294)	99% (81)	54% (675)	28% (526)	66% (127)	97% (31)	44% (126)	97% (172)
Oxytetracycline	13% (30)	8% (769)	38% (294)	99% (81)	43% (675)	65% (526)	35% (127)	42% (31)	2% (126)	72% (172)
Penicillin	7% (30)	0% (780)	85% (294)	2% (81)	22% (675)	80% (526)	0% (127)	0% (31)	0% (126)	0% (172)
Spectinomycin	3% (30)	1% (769)	56% (294)	31% (81)	57% (675)	72% (526)	0% (127)	0% (31)	0% (126)	0% (172)
Sulfadimethoxine	37% (30)	11% (779)	15% (294)	98% (81)	12% (675)	12% (526)	1% (127)	0% (31)	2% (126)	27% (172)
Tiamulin	67% (30)	0% (769)	100% (294)	100% (81)	92% (675)	77% (526)	0% (127)	0% (31)	0% (126)	0% (172)
Tilmicosin	57% (30)	0% (769)	80% (294)	99% (81)	50% (675)	74% (526)	0% (127)	0% (31)	0% (126)	0% (172)
Trimethoprim/Sulphamethoxazole	83% (30)	42% (770)	95% (294)	99% (81)	98% (675)	89% (526)	69% (127)	94% (31)	80% (126)	98% (172)
Tulathromycin	NI	NI	68% (294)	NI	57% (675)	88% (526)	NI	0% (31)	NI	NI
Tylosin (Tartrate/Base)	0% (30)	NI	57% (294)	NI	0% (675)	1% (526)	NI	0% (31)	NI	NI

² See [Salmonella serotype](#) table for most common serotypes isolated within each group

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		