

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	59% (27)	23% (914)	90% (231)	100% (78)	59% (652)	98% (486)	46% (114)	58% (31)	16% (122)	90% (167)
Ceftiofur	93% (27)	53% (914)	99% (231)	99% (78)	99% (652)	100% (486)	69% (114)	58% (31)	17% (122)	93% (167)
Chlortetracycline	63% (27)	10% (914)	98% (231)	100% (78)	59% (652)	95% (486)	38% (114)	45% (31)	2% (122)	73% (167)
Clindamycin	4% (27)	0% (914)	42% (231)	9% (78)	0% (652)	0% (486)	0% (114)	0% (31)	0% (122)	0% (167)
Danofloxacin	44% (27)	46% (914)	74% (231)	8% (78)	54% (652)	84% (486)	65% (114)	81% (31)	70% (122)	79% (167)
Enrofloxacin	59% (27)	57% (914)	79% (231)	100% (78)	56% (652)	91% (486)	91% (114)	100% (31)	98% (122)	99% (167)
Florfenicol	81% (27)	7% (914)	94% (231)	95% (78)	74% (652)	94% (486)	29% (114)	45% (31)	6% (122)	49% (167)
Gentamicin	93% (27)	68% (914)	24% (231)	96% (78)	61% (652)	78% (486)	87% (114)	100% (31)	98% (122)	98% (167)
Neomycin	56% (27)	35% (914)	5% (231)	99% (78)	53% (652)	24% (486)	71% (114)	97% (31)	45% (122)	96% (167)
Oxytetracycline	11% (27)	8% (914)	36% (231)	100% (78)	39% (652)	62% (486)	37% (114)	45% (31)	2% (122)	72% (167)
Penicillin	11% (27)	0% (914)	83% (231)	3% (78)	21% (652)	76% (486)	0% (114)	0% (31)	0% (122)	0% (167)
Spectinomycin	4% (27)	0% (914)	57% (231)	60% (78)	56% (652)	70% (486)	0% (114)	0% (31)	0% (122)	0% (167)
Sulfadimethoxine	41% (27)	10% (914)	13% (231)	99% (78)	13% (652)	10% (486)	3% (114)	3% (31)	1% (122)	28% (167)
Tiamulin	67% (27)	0% (914)	100% (231)	100% (78)	93% (652)	73% (486)	0% (114)	0% (31)	0% (122)	0% (167)
Tilmicosin	63% (27)	0% (914)	90% (231)	99% (78)	46% (652)	71% (486)	0% (114)	0% (31)	0% (122)	0% (167)
Trimethoprim/Sulphamethoxazole	85% (27)	43% (914)	94% (231)	99% (78)	98% (652)	91% (486)	71% (114)	94% (31)	78% (122)	98% (167)
Tulathromycin	NI	NI	78% (231)	NI	56% (652)	86% (486)	NI	0% (31)	NI	NI
Tylosin (Tartrate/Base)	7% (27)	NI	58% (231)	NI	0% (652)	1% (486)	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		