

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

Antibiotic	B bron	E coli	E fael	E faem	Ente	K pneu	P aer	P mult	Pseu	S aur	S can	S pint
Amikacin	100% (10)	99% (114)	31% (58)	8% (12)	100% (10)	100% (1)	100% (37)	100% (54)	87% (23)	100% (26)	0% (14)	100% (34)
Amoxicillin/Clavulanic Acid	90% (10)	87% (114)	97% (58)	33% (12)	70% (10)	100% (1)	0% (37)	100% (54)	61% (23)	77% (26)	100% (14)	94% (34)
Ampicillin	0% (10)	72% (114)	95% (58)	33% (12)	70% (10)	0% (1)	0% (39)	98% (54)	43% (23)	23% (26)	100% (14)	74% (34)
Cefazolin	0% (10)	91% (114)	3% (58)	0% (12)	30% (10)	100% (1)	0% (37)	100% (54)	39% (23)	81% (26)	100% (14)	94% (34)
Cefovecin	0% (10)	90% (114)	3% (58)	0% (12)	90% (10)	100% (1)	3% (37)	96% (54)	30% (23)	73% (26)	100% (14)	91% (34)
Cefoxitin	0% (10)	89% (114)	0% (58)	0% (12)	50% (10)	100% (1)	0% (37)	100% (54)	43% (23)	62% (26)	100% (14)	91% (34)
Cefpodoxime	0% (10)	91% (114)	14% (58)	0% (12)	90% (10)	100% (1)	0% (37)	96% (54)	43% (23)	73% (26)	100% (14)	94% (34)
Ceftiofur	0% (10)	96% (114)	3% (58)	0% (12)	90% (10)	100% (1)	5% (39)	100% (54)	35% (23)	73% (26)	100% (14)	94% (34)
Cephalothin	0% (1)	50% (2)	5% (21)	25% (4)			0% (1)	100% (2)	50% (2)	80% (25)	100% (14)	94% (34)
Chloramphenicol	80% (10)	87% (114)	95% (58)	100% (12)	90% (10)	100% (1)	0% (37)	100% (54)	65% (23)	85% (26)	100% (14)	82% (34)
Clindamycin	0% (10)	1% (114)	2% (58)	0% (12)	0% (10)	0% (1)	0% (39)	2% (54)	4% (23)	77% (26)	93% (14)	76% (34)
Doxycycline	100% (10)	91% (114)	71% (58)	42% (12)	70% (10)	100% (1)	5% (37)	100% (54)	83% (23)	88% (26)	86% (14)	68% (34)
Enrofloxacin	80% (10)	96% (114)	28% (58)	8% (12)	90% (10)	100% (1)	54% (39)	98% (54)	70% (23)	85% (26)	64% (14)	82% (34)
Erythromycin	0% (10)	1% (114)	29% (58)	8% (12)	0% (10)	0% (1)	0% (37)	6% (54)	13% (23)	65% (26)	0% (14)	68% (34)
Gentamicin	100% (10)	99% (114)	48% (58)	8% (12)	100% (10)	100% (1)	92% (39)	98% (54)	91% (23)	100% (26)	50% (14)	88% (34)
Imipenem	100% (10)	99% (114)	97% (58)	33% (12)	100% (10)	100% (1)	92% (37)	100% (54)	87% (23)	81% (26)	100% (14)	94% (34)
Marbofloxacin	100% (10)	99% (114)	28% (58)	8% (12)	100% (10)	100% (1)	86% (37)	100% (54)	87% (23)	85% (26)	71% (14)	88% (34)
Oxacillin ³	NI	NI	NI	NI	NI	NI	NI	NI	NI	81% (26)	NI	94% (34)
Penicillin	0% (10)	0% (114)	91% (58)	33% (12)	0% (10)	0% (1)	0% (39)	76% (54)	0% (23)	23% (26)	100% (14)	53% (34)
Ticarcillin	40% (10)	77% (114)	9% (58)	8% (12)	80% (10)	0% (1)	81% (37)	100% (54)	65% (23)	77% (26)	100% (14)	94% (34)
Ticarcillin/Clavulanic Acid	100% (10)	89% (114)	7% (58)	8% (12)	90% (10)	100% (1)	84% (37)	100% (54)	70% (23)	81% (26)	100% (14)	94% (34)
Trimethoprim/Sulphamethoxazole	90% (10)	96% (114)	91% (58)	67% (12)	100% (10)	100% (1)	10% (39)	96% (54)	70% (23)	100% (26)	100% (14)	76% (34)

³ Isolates resistant to oxacillin are interpreted as potentially 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 ≤ 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		