

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

Antibiotic	E coli	E fael	E faem	Ente	P aer	P mult	Pseu	S aur	S can	S pint
Amikacin	100% (139)	20% (55)	6% (17)	100% (11)	100% (46)	98% (60)	69% (26)	100% (35)	0% (18)	98% (43)
Amoxicillin/Clavulanic Acid	77% (139)	96% (55)	29% (17)	55% (11)	0% (46)	95% (60)	54% (26)	74% (35)	100% (18)	81% (43)
Ampicillin	71% (139)	93% (55)	29% (17)	45% (11)	0% (48)	98% (60)	15% (26)	26% (35)	100% (18)	60% (43)
Cefazolin	80% (139)	4% (55)	0% (17)	27% (11)	2% (46)	95% (60)	23% (26)	86% (35)	100% (18)	81% (43)
Cefovecin	78% (139)	4% (55)	0% (17)	91% (11)	2% (46)	92% (60)	15% (26)	66% (35)	94% (18)	70% (43)
Cefoxitin	89% (139)	0% (55)	0% (17)	45% (11)	0% (46)	95% (60)	23% (26)	54% (35)	100% (18)	79% (43)
Cefpodoxime	91% (139)	9% (55)	0% (17)	100% (11)	0% (46)	92% (60)	23% (26)	63% (35)	94% (18)	72% (43)
Ceftiofur	95% (139)	4% (55)	0% (17)	100% (11)	10% (48)	100% (60)	27% (26)	83% (35)	100% (18)	81% (43)
Cephalothin	Not Tested	Not Tested	Not tested	Not tested	Not tested	Not tested	Not tested	86% (35)	100% (18)	83% (42)
Chloramphenicol	83% (139)	91% (55)	88% (17)	100% (11)	2% (46)	100% (60)	46% (26)	83% (35)	100% (18)	79% (43)
Ciindamycin	1% (139)	2% (55)	29% (17)	0% (11)	0% (48)	2% (60)	0% (26)	89% (35)	94% (18)	58% (43)
Doxycycline	88% (139)	71% (55)	41% (17)	100% (11)	7% (46)	95% (60)	69% (26)	91% (35)	78% (18)	67% (43)
Enrofloxacin	91% (139)	18% (55)	6% (17)	100% (11)	67% (48)	98% (60)	58% (26)	86% (35)	72% (18)	72% (43)
Erythromycin	1% (139)	36% (55)	12% (17)	0% (11)	0% (46)	8% (60)	4% (26)	80% (35)	0% (18)	56% (43)
Gentamicin	99% (139)	35% (55)	6% (17)	100% (11)	94% (48)	98% (60)	69% (26)	100% (35)	33% (18)	79% (43)
Imipenem	99% (139)	89% (55)	18% (17)	100% (11)	93% (46)	100% (60)	85% (26)	86% (35)	100% (18)	81% (43)
Marbofloxacin	94% (139)	18% (55)	0% (17)	100% (11)	91% (46)	100% (60)	81% (26)	86% (35)	78% (18)	81% (43)
Oxacillin ³	NI	NI	NI	NI	NI	NI	NI	86% (35)	NI	81% (43)
Penicillin	0% (139)	93% (55)	24% (17)	0% (11)	0% (48)	73% (60)	0% (26)	26% (35)	100% (18)	37% (43)
Ticarcillin	76% (139)	9% (55)	0% (17)	82% (11)	87% (46)	95% (60)	38% (26)	69% (35)	100% (18)	72% (43)
Ticarcillin/Clavulanic Acid	90% (139)	9% (55)	0% (17)	100% (11)	89% (46)	95% (60)	69% (26)	71% (35)	100% (18)	72% (43)
Trimethoprim/Sulphamethoxazole	92% (139)	76% (55)	53% (17)	100% (11)	25% (48)	97% (60)	58% (26)	100% (35)	100% (18)	70% (43)

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 In 2015 changes were incorporated into the test method.
- 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		