

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

| Antibiotic | A equ | P aer | R equ | S aur | S equi | S equs | S zoo | Salm B |
|--------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|
| Amikacin | 100% (23) | 100% (10) | 100% (19) | 100% (20) | 21% (14) | 9% (22) | 3% (108) | 91% (11) |
| Ampicillin | 100% (23) | 0% (10) | 0% (19) | 35% (20) | 100% (14) | 100% (22) | 95% (108) | 55% (11) |
| Azithromycin | NI | NI | NI | 68% (19) | 92% (13) | 82% (22) | 97% (101) | NI |
| Cefazolin | 100% (23) | 0% (10) | 0% (19) | 90% (20) | 93% (14) | 100% (22) | 97% (108) | 73% (11) |
| Ceftazidime | 96% (23) | 100% (10) | 0% (19) | 95% (19) | 100% (13) | 100% (22) | 98% (101) | 82% (11) |
| Ceftiofur | 96% (23) | 0% (10) | 0% (19) | 90% (20) | 93% (14) | 100% (22) | 96% (108) | 82% (11) |
| Chloramphenicol | 96% (23) | 0% (10) | 79% (19) | 95% (20) | 93% (14) | 100% (22) | 99% (108) | 82% (11) |
| Clarithromycin | NI | NI | 95% (19) | 68% (19) | NI | NI | 0% (101) | NI |
| Doxycycline | 100% (23) | 0% (10) | 95% (19) | 65% (20) | 100% (14) | 77% (22) | 82% (108) | 55% (11) |
| Enrofloxacin | 96% (23) | 70% (10) | 74% (19) | 75% (20) | 29% (14) | 77% (22) | 31% (108) | 100% (11) |
| Erythromycin | 9% (23) | 0% (10) | 95% (19) | 70% (20) | 93% (14) | 77% (22) | 90% (108) | 0% (11) |
| Gentamicin | 100% (23) | 90% (10) | 100% (19) | 50% (20) | 36% (14) | 50% (22) | 7% (108) | 91% (11) |
| Imipenem | 100% (23) | 100% (10) | 100% (19) | 85% (20) | 100% (14) | 100% (22) | 100% (108) | 100% (11) |
| Oxacillin ³ | NI | 0% (10) | NI | 90% (20) | NI | NI | NI | NI |
| Penicillin | 0% (23) | 0% (10) | 0% (19) | 30% (20) | 100% (14) | 95% (22) | 96% (108) | 0% (11) |
| Tetracycline | 100% (23) | 10% (10) | 63% (19) | 47% (19) | 77% (13) | 68% (22) | 29% (101) | 45% (11) |
| Ticarcillin | 100% (23) | 100% (10) | 0% (19) | 85% (20) | 100% (14) | 100% (22) | 100% (108) | 55% (11) |
| Ticarcillin/Clavulanic Acid | 96% (23) | 100% (10) | 0% (19) | 90% (20) | 93% (14) | 100% (22) | 100% (108) | 64% (11) |
| Trimethoprim/Sulphamethoxazole | 87% (23) | 0% (10) | 79% (19) | 70% (20) | 100% (14) | 100% (22) | 96% (108) | 91% (11) |

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

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|---|---------------------------------------|---------------------------------------|
| 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 | | |