

Porcine	MIC Susceptibility Profile of Porcine Pathogens Submitted to ISU VDL in 2007											
	A suis	APP	B bron	Non E coli	Erys	H ecoli	HPS	P mul A	P mul D	S chol	S suis	S typh
Number of Isolates*	347	183	63	721	10	1145	529	1001	566	174	1168	366
	Percent Susceptible***											
Ampicillin	94%	86%	33%	34%	100%	26%	99%	98%	98%	34%	99%	14%
Ceftiofur**	99%	99%		67%	100%	59%	99%	100%	100%	98%	99%	89%
Chlortetracycline	91%	57%	100%	6%	30%	6%	99%	96%	96%	24%	14%	6%
Clindamycin	0%	0%	0%	0%	70%	0%	2%	0%	0%	0%	21%	100%
Danofloxacin	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%
Enrofloxacin	100%	99%	97%	98%	100%	100%	100%	100%	100%	100%	98%	0%
Erythromycin	0%	0%	0%	0%	0%	0%	11%	3%	3%	0%	23%	3%
Florfenicol**	100%	97%	78%	7%	0%	14%	100%	100%	100%	94%	100%	84%
Gentamicin	98%	10%	100%	75%	0%	66%	98%	99%	99%	99%	98%	81%
Neomycin	85%	7%	100%	63%	10%	55%	85%	92%	92%	99%	65%	6%
Oxytetracycline**	58%	8%	100%	5%	30%	4%	91%	64%	64%	24%	5%	0%
Penicillin	1%	4%	0%	0%	100%	0%	10%	92%	92%	0%	91%	0%
Spectinomycin	0%	14%	0%	0%	90%	0%	83%	1%	1%	0%	23%	1%
Sulfachloropyridazine	100%	88%	0%	35%	0%	21%	89%	37%	37%	23%	58%	0%
Sulfadimethoxine	89%	68%	5%	24%	10%	14%	62%	42%	42%	17%	53%	1%
Sulphathiazole	88%	63%	0%	35%	0%	14%	59%	33%	33%	23%	62%	0%
Tiamulin**	2%	97%	0%	0%	100%	0%	84%	1%	1%	0%	93%	0%
Tilmicosin**	85%	96%	25%	0%	70%	0%	92%	22%	22%	0%	22%	84%
Trimethoprim / Sulphamethoxazole	98%	9%	63%	73%	30%	78%	97%	6%	6%	100%	98%	0%
Tulathromycin	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Key:

A suis = Actinobacillus suis

APP = Actinobacillus pleuropneumoniae

B bron = Bordetella bronchiseptica

Non E coli = non hemolytic E. coli

Erys = Erysipelothrix

H ecoli = hemolytic E. coli

HPS = Haemophilus parasuis

P mul A = Pasteurella multocida Type A

P mul D = Pasteurella multocida Type D

S chol = Salmonella choleraesuis

S suis - Streptococcus suis

S typh = Salmonella typhimurium

* In vitro antimicrobial test results do not represent therapeutic recommendations from the VDL or personnel therein. Extra/Off label usage of an antimicrobial which is limited/prohibited for certain species may result in legal action by FDA-CVM.

** These are the only antimicrobials with valid breakpoints correlated with clinical outcome in species presented.

*** Percent of isolates with a susceptible value.

**** Methicillin resistant is represented by oxacillin.

ND Not done