

## MIC Susceptibility Profile of Porcine Pathogens Submitted to ISU VDL in 2006

	A suis	APP	B bron	E coli	Erysip	H ecol	HPS	Pm A	Pm D	S suis	S typh	S chol
<b>Number of Isolates</b>	334	179	86	461	14	947	539	998	598	1301	379	194
<b>Antimicrobials*</b>	<b>Percent Susceptible***</b>											
Ampicillin	96%	78%	9%	33%	100%	29%	100%	98%	98%	99%	12%	31%
Ceftiofur **	100%	100%	0%	66%	100%	68%	100%	100%	100%	100%	91%	100%
Chlortetracycline	92%	69%	99%	7%	7%	8%	100%	98%	96%	23%	5%	21%
Clindamycin	0%	0%	0%	0%	79%	0%	5%	0%	0%	20%	0%	0%
Enrofloxacin	100%	100%	76%	98%	100%	100%	100%	100%	100%	99%	100%	100%
Erythromycin	0%	0%	0%	0%	100%	0%	12%	7%	1%	21%	0%	0%
Florfenicol **	100%	99%	56%	10%	7%	18%	100%	100%	100%	100%	3%	96%
Gentamicin	99%	9%	99%	73%	0%	70%	99%	100%	100%	98%	85%	99%
Neomycin	90%	5%	98%	59%	0%	53%	87%	98%	94%	61%	82%	100%
Oxytetracycline	52%	12%	99%	6%	7%	5%	97%	82%	63%	8%	5%	21%
Penicillin	0%	3%	0%	0%	100%	0%	15%	92%	95%	93%	0%	0%
Spectinomycin	29%	24%	1%	29%	100%	29%	97%	58%	48%	65%	3%	51%
Sulfachlorpyridazine	97%	95%	15%	31%	0%	26%	94%	55%	40%	66%	6%	16%
Sulfadimethoxine	89%	54%	10%	24%	7%	18%	69%	44%	40%	61%	2%	13%
Sulfathiazole	91%	66%	12%	30%	7%	21%	71%	41%	41%	65%	6%	16%
Tiamulin **	4%	99%	0%	0%	86%	0%	86%	20%	2%	95%	0%	0%
Tilmicosin **	97%	99%	9%	0%	93%	0%	95%	96%	70%	20%	0%	0%
Trimethoprim/ Sulfamethoxazole	100%	99%	27%	77%	50%	79%	99%	97%	99%	99%	86%	100%
Tylosin tartrate	NI	0%	NI	0%	NI	NI	NI	2%	0%	NI	NI	NI

A suis - *Actinobacillus suis*

APP - *Actinobacillus pleuropneumoniae*

B bron - *Bordetella bronchiseptica*

E coli - non-hemolytic *E.coli*

Erysip - *Erysipelothrix*

H ecol - hemolytic *E.coli*

HPS - *Haemophilus parasuis*

Pm A - *Pasteurella multocida* Type A

Pm 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 of an antimicrobial.

\*\* These are the only antimicrobials with valid breakpoints correlated with clinical outcome (respiratory diseases)

\*\*\* Percent of isolates with a susceptible MIC value

NI = Not interpretable; there are no interpretations from CLSI.