

## Susceptibility Profile of Swine Pathogens Submitted to ISU VDL in 2005

	APP	A suis	Bord	E. coli	H Ec	H ps	Pm A	Pm D	Sc	Sal T	S suis
<b>Number of Isolates</b>	162	289	72	435	867	415	798	400	154	212	1274
<b>Antimicrobials*</b>	<b>Percent Susceptible***</b>										
Ampicillin	82	90	11	31	33	99	99	98	30	7	99
Apramycin	0	0	12	88	72	10	0	0	100	0	21
Ceftiofur **	99	98	0	69	72	99	100	100	100	86	100
Chlortetracycline	68	71	98	6	5	100	98	97	21	2	9
Clindamycin	0	0	0	0	0	4	0	0	0	0	19
Enrofloxacin	100	99	96	98	100	100	100	100	100	100	99
Erythromycin	0	0	0	0	0.1	20	5	0	0	0	21
Florfenicol **	99	93	56	11	22	100	100	100	95	2	100
Gentamicin	9	100	100	74	71	99	100	99	99	83	97
Neomycin	4	89	99	63	52	96	98	92	98	75	51
Oxytetracycline	10	40	97	6	3	97	83	66	21	1	4
Penicillin	4	0	0	0	0	13	93	93	0	0	92
Sulfachlorpyridazine	99	86	12	39	26	94	62	54	26	16	61
Sulfadimethoxine	65	78	10	33	22	77	34	31	16	3	57
Sulfathiazole	74	83	39	35	24	76	52	53	19	8	60
Tiamulin **	97	5	0	0	0	88	17	0.8	0	0	95
Tilmicosin **	100	67		0	0	94	98	78	0	0	20
Trimethoprim/Sulfamethoxazole	100	86		78	80	99	98	100	99	81	99
Tylosin tartrate	0	0	0	0	0	5	1	0.3	0	0	6

**App** - *Actinobacillus pleuropneumoniae*

**A suis** - *Actinobacillus suis*

**Bord** - *Bordetella bronchiseptica*

**E coli** - Non-hemolytic *E.coli*

**H Ec** - Hemolytic *E.coli*

**H ps** - *Haemophilus parasuis*

**PmA** - *Pasteurella multocida* Type A

**PmD** - *Pasteurella multocida* Type D

**Sc** - *Salmonella cholerasuis*

**Sal T** - *Salmonella typhimurium*

**S suis** - *Streptococcus suis*

\* 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 or prohibited for certain species may result in legal action by FDA-CVM.

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

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