

SUSCEPTIBILITY PROFILE OF SWINE PATHOGENS RECEIVED AT ISU VDL IN 2004

	APP	A suis	Bord	Ecoli	H Ec	Ery	Hps	Pm A	Pm D	Sc	Salm Group B	S suis
Number of Isolates	160	223	197	517	783	6	441	656	319	208	424	966
Antimicrobials*	Percent Susceptible***											
Ampicillin	84	92	28	38	39	100	99	99	99	25	33	98
Apramycin	1	3	3	82	73	17	10	9	2	99	91	19
Ceftiofur **	99	99	0	75	78	100	100	99	100	99	87	99
Chlortetracycline	73	86	98	8	6	0	99	98	94	15	8	12
Clindamycin	1	0	0	0	0	83	4	1	1	0	0	22
Enrofloxacin	99	100	96	97	99	100	100	100	100	100	99	99
Erythromycin	1	1	0	0	0	83	20	2	0	0	0	24
Florfenicol	100	100	77	21	35	0	99	100	100	95	4	99
Gentamicin	10	98	99	74	68	17	99	99	100	99	85	96
Neomycin	8	91	99	62	51	33	96	98	94	98	75	48
Oxytetracycline	8	47	98	7	4	0	94	81	68	16	8	7
Penicillin	6	2	0	0	0	100	13	93	92	0	0	90
Spectinomycin	4	71	0	42	35	83	96	67	73	68	20	74
Sulfachlorpyridazine	100	98	22	53	39	0	98	68	59	36	44	65
Sulfadimethoxine	83	92	19	36	22	0	87	46	46	10	15	52
Sulfathiazole	89	92	45	37	23	0	90	56	62	11	19	53
Tiamulin **	58	10	0	0	0	67	85	13	1	0	0	94
Tilmicosin **	88	94	47	0	0	83	95	97	85	0	0	23
Trimethoprim/Sulfamethoxazole	99	100	85	78	78	67	98	99	100	99	88	99
Tylosin tartrate	0	0	0	0	0	83	15	1	0	0	0	24

App = *Actinobacillus pleuropneumoniae*

A suis = *Actinobacillus suis*

Bord = *Bordetella bronchiseptica*

Ecoli = non-hemolytic *E.coli*

H Ec = hemolytic *E.coli*

Ery = *Erysipelas rhusiopathiae*

Hps = *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/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