

SUSCEPTIBILITY PROFILE OF SWINE PATHOGENS RECEIVED AT ISU VDL IN 2003

	App	A suis	Bord	Ecoli	H Ec	Erys	H ps	Pm A	Pm D	Sc	Sal T	S suis
Number of Isolates	239	191	287	628	672	48	408	718	332	257	134	908
Antimicrobials*	Percent Susceptible***											
Ampicillin	77	91	30	38	37	100	98	99	98	21	15	97
Apramycin	7	9	11	79	71	2	12	15	3	100	97	33
Ceftiofur **	100	100	0	75	78	100	99	100	100	99	96	99
Chlortetracycline	55	82	99	6	4	58	100	98	93	15	6	12
Clindamycin	0	0	0	0	0	94	3	0	0	0	0	22
Enrofloxacin	100	100	91	99	100	100	99	100	100	100	99	95
Erythromycin	0	0	0	0	0	98	12	2	0	0	0	26
Florfenicol	100	100	79	15	28	15	99	100	100	96	2	100
Gentamicin	70	99	99	76	67	4	100	100	100	100	92	96
Neomycin	66	90	99	61	46	13	98	99	95	98	81	75
Oxytetracycline	8	51	98	6	3	58	96	76	69	15	6	8
Penicillin	4	6	0	0	0	100	18	85	89	0	0	87
Spectinomycin	70	97	0	52	45	94	98	99	99	94	16	93
Sulfachlorpyridazine	98	97	20	42	28	2	98	63	58	19	19	56
Sulfadimethoxine	83	88	20	34	19	4	88	45	57	6	9	54
Sulfathiazole	87	89	32	35	20	2	89	51	65	6	10	55
Tiamulin **	63	8	0	0	0	98	84	11	0	0	0	90
Tilmicosin **	95	99	52	0	0	98	98	97	83	0	0	24
Trimethoprim/Sulfamethoxazole	100	99	76	82	81	79	98	99	100	99	93	99
Tylosin tartrate	0	2	0	0	0	100	14	3	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*

H ps = *Haemophilus parasuis*

PmA = *Pasteurella multocida* Type A

PmD = *Pasteurella multocida* Type D

Sc = *Salmonella choleraesuis*

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