

**TABLE S3** Antimicrobial susceptibility testing of 21 antimicrobial agents from 14 classes in this study

Antimicrobial class Agent	Number (%) of antimicrobial resistant (R), intermediate resistant (I), and susceptible (S) isolates											
	Chicken (n=32)			Pig (n=41)			Cattle (n=4)			Total (n=77)		
	R	I	S	R	I	S	R	I	S	R	I	S
Aminoglycoside												
Gentamicin	15 (46.9)	3 (9.4)	14 (43.8)	20 (48.8)	0	21 (51.2)	0	0	4 (100)	35 (45.5)	3 (3.9)	39 (50.6)
Amikacin	0	0	32 (100)	1 (2.4)	0	40 (97.6)	0	0	4 (100)	1 (1.3)	0	76 (98.7)
Carbapenem												
Ertapenem	0	0	32 (100)	0	0	41 (100)	0	0	4 (100)	0	0	77 (100)
Imipenem	0	0	32 (100)	0	1 (2.4)	40 (97.6)	0	0	4 (100)	0	1 (1.3)	76 (98.7)
Meropenem	0	0	32 (100)	0	0	41 (100)	0	0	4 (100)	0	0	77 (100)
Non-extended-spectrum cephalosporin												
Cefazolin	32 (100)	0	0	41 (100)	0	0	4 (100)	0	0	77 (100)	0	0
Extended-spectrum cephalosporin												
Cefotaxime	32 (100)	0	0	41 (100)	0	0	4 (100)	0	0	77 (100)	0	0
Ceftazidime	0	4 (12.5)	28 (87.5)	3 (7.3)	19 (46.3)	19 (46.3)	0	2 (50.0)	2 (50.0)	3 (3.9)	25 (32.5)	49 (63.6)
Cefepime	4 (12.5)	25 (78.1)	3 (9.4)	11 (26.8)	26 (63.4)	4 (9.8)	1 (25.0)	3 (75.0)	0	16 (20.8)	54 (70.1)	7 (9.1)
Cephamycin												
Cefoxitin	0	0	32 (100)	0	0	41 (100)	0	0	4 (100)	0	0	77 (100)
Fluoroquinolone												
Ciprofloxacin	24 (75.0)	2 (6.3)	6 (18.8)	12 (29.3)	3 (7.3)	26 (63.4)	0	0	4 (100)	36 (46.8)	5 (6.5)	36 (46.8)
Quinolone												
Nalidixic acid	32 (100)	0	0	21 (51.2)	4 (9.8)	16 (39.0)	0	0	4 (100)	53 (68.8)	4 (5.2)	20 (26.0)
Folate pathway inhibitor												
Trimethoprim-sulfamethoxazole	16 (50.0)	0	16 (50.0)	29 (70.7)	1 (2.4)	11 (26.8)	0	0	4 (100)	45 (58.4)	1 (1.3)	31 (40.3)
Glycylcycline												
Tigecycline	0	0	32 (100)	0	0	41 (100)	0	0	4 (100)	0	0	77 (100)
Monobactam												
Aztreonam	10 (31.3)	6 (18.8)	16 (50.0)	27 (65.9)	5 (12.2)	9 (22.0)	3 (75.0)	1 (25.0)	0	40 (51.9)	12 (15.6)	25 (32.5)
Penicillin												
Ampicillin	32 (100)	0	0	41 (100)	0	0	4 (100)	0	0	77 (100)	0	0
Piperacillin	32 (100)	0	0	40 (97.6)	1 (2.4)	0	4 (100)	0	0	76 (98.7)	1 (1.3)	0
Penicillin plus $\beta$ -lactamase inhibitor												
Amoxicillin-clavulanic acid	0	3 (9.4)	29 (90.6)	1 (2.4)	13 (31.7)	27 (65.9)	0	0	4 (100)	1 (1.3)	16 (20.8)	60 (77.9)
Ampicillin-sulbactam	1 (3.1)	9 (28.1)	22 (68.8)	1 (2.4)	17 (41.5)	23 (56.1)	0	0	4 (100)	2 (2.6)	26 (33.8)	49 (63.6)
Phenicol												
Chloramphenicol	23 (71.9)	0	9 (28.1)	32 (78.0)	1 (2.4)	8 (19.5)	0	0	4 (100)	55 (71.4)	1 (1.3)	21 (27.3)
Tetracycline												
Tetracycline	20 (62.5)	1 (3.1)	11 (34.4)	32 (78.0)	0	9 (22.0)	0	0	4 (100)	52 (67.5)	1 (1.3)	24 (31.2)