Supplementary files

Occurrence of shiga toxin-producing Escherichia coli carrying antimicrobial resistance genes in sheep on smallholdings in Bangladesh

Mukta Das Gupta[1], Arup Sen[1], Mishuk Shaha[2] and Ashutosh Das[2]*

Table S1. Variable-wise prevalence of *stx1* genotype of STEC isolated from sheep in Bangladesh.

Variable	Category (N)	Prevalence % (No. positive)	95% CI	P value
Age	Adult (114)	7.02 (8)	3.41 to.13.43	
	lamb (86)	3.49 (3)	0.77 to 10.18	0.3572
Sex	Male (91)	5.49 (5)	2.06 to 12.53	
	Female (109)	5.5(6)	2.31 to 11.73	1.000
Health status	Fair (62)	3.23 (2)	0.24 to 11.67	
	Healthy (138)	6.52 (9)	3.31 to 12.09	0.5082
Rearing system	Free range (114)	5.26 (6)	2.20 to 11.24	
	Semi- intensive (86)	5.81(5)	2.19 to 13.22	1.000
Breed	Local (87)	6.90(6)	2.92 to 14.52	
	Cross Breed (113)	4.42(5)	1.64 to10.20	0.5376
Total	200	1.17(6)	0.47 - 2.59	

N = Number of animals sampled; CI = Confidence interval

Table S2. Variable-wise prevalence of stx2 genotype of STEC isolated from sheep in Bangladesh.

Variable	Category (N)	Prevalence % (No. positive)	95% CI	P value
Age	Adult (114)	4.39 (5)	1.63 to 10.12	
	Kid (86)	3.49 (3)	0.77 to 10.18	1.000
Sex	Male (91)	5.49 (5)	2.06 to 12.53	
	Female (109)	2.75 (3)	0.59 to 8.13	0.4726
Health status	Fair (62)	4.84 (3)	1.12 to 13.83	
	Healthy (138)	3.62 (5)	1.33 to 08.42	0.7051
Rearing system	Free range (114)	3.51(4)	1.08 to 8.97	
	Semi- intensive (86)	4.65 (4)	1.46 to 11.72	0.7273
Breed	Local (87)	3.45 (3)	0.76 to 10.07	
	Cross Breed (113)	4.42(5)	1.64 to 10.20	1.000

N = Number of animals sampled; CI = Confidence interval