



Supplementary Materials of Detecting Enteric Pathogens in Low-Risk Drinking Water in Dhaka, Bangladesh: An Assessment of the WHO Water Safety Categories

Table S1. Target genes, primer sequences, amplicon size for detection of the signature and pathogenic genes of bacteria.

Genes	Primer Name	Primer Sequences (5' → 3')	Amplicon Size (bp)	References
Diarrheagenic <i>E. coli</i> genes				
<i>eltB</i>	LT-F	tctctatgtgcatacggagc	322	[1]
	LT-R	ccatactgattgccgcaat		
<i>estA</i>	ST-F	gctaaaccagta ^a gggtcttcaaaa	147	[1]
	ST-F	cccgggtaca ^a gcaggattacaaca		
<i>vt1</i>	VT1-F	gaagagtcggtgggattacg	130	[2]
	VT1-R	agcgatgcagctattaataa		
<i>vt2</i>	VT2-F	accgtttttcagatttt ^a cacata	298	[1]
	VT2-R	tacacaggagcagtttcagacagt		
<i>eaeA</i>	eae-F	cacacgaataaactgactaaaatg	376	[1]
	eae-R	aaaaacgctgacccgcacctaata		
<i>bfpA</i>	bfpA-F	ttcttgggtgcttgcgtgtctttt	367	[1]
	bfpA-R	ttttgtttgtgtatctttgtaa		
<i>ipaH</i>	ipaH-F	gctggaaaaactcagtgctt	424	[3]
	ipaH-R	ccagtcctgaataattcattct		
pCVD	EA-F	ctggcgaaagactgtatcat	630	[4]
	EA-R	caatgtatagaaatccgctgtt		
<i>V. cholerae</i> species specific gene				
<i>ompW</i>	ompW-F	caccaagaaggtgactttattgtg	304	[5]
	ompW-R	ggtttgcgaattagcttcacc		
<i>Salmonella</i> spp.				
<i>invA</i>	S-invA-F	cgggtggttttaagcgtactctt	796	[6]
	S-invA-R	cgaatatgctccacaaggtta		
<i>Salmonella enteritidis</i>				
<i>IE-1</i>	SE-IE1-F	agtgccatacttttaatgac	316	[7]
	SE-IE1-R	actatgtcgatacgggtggg		
<i>Salmonella typhimurium</i>				
<i>Flic-C</i>	ST-flic C-F	cccgttacaggtggactac	432	[8]
	ST-flic C-R	agcgggttttcgggtggtgt		
<i>Campylobacter</i> spp.				
16S rRNA	C412F	ggatgacacttttcggagc	816	[9]
	C1228R	cattgtagcacgtgtgtc		
<i>Campylobacter coli</i>				
<i>cueE</i>	CC18F	ggtatgatttctacaaagcgag	502	[9]
	CC519R	ataaaagactatcgtcgcgtg		
<i>Campylobacter jejuni</i>				
cj0414	CJ-F	caaataaagttagaggtagaatgt	161	[10]
	CJ-R	ccataagcactagctagctgat		

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