Table S1. Fluctuation analysis of the number of colicin resistant *E.coli* (EC^{CR}) obtained on selective plates containing colicins E3+E8 *

	Number of EC^{CR} colonies per plate					
Culture no.	Small culture	Bulk culture	Small culture	Bulk culture	Small culture	Bulk culture
1	0	82	188	68	8	48
2	26	80	11	53	3	49
3	5	87	0	37	128	45
4	87	80	34	45	5	44
5	9	93	13	59	82	45
6	1	97	5	48	5	44
7	32	68	21	35	7	51
8	4	82	3	53	17	50
9	86	69	15	48	4	54
10	4	71	0	65	4	35
Mean	25.4	80.9	29.0	51.1	26.3	46.5
Variance	1150.3	94.8	3231.1	118.1	1853.8	27.4

***** Data represented here is obtained from three independent experiments

Table S2. Fluctuation analysis of the number of colicin resistant *E.coli* (EC^{CR}) obtained on selective plates containing colicins E2+E3 *

	Number of EC^{CR} colonies per plate					
Culture no.	Small culture	Bulk culture	Small culture	Bulk culture	Small culture	Bulk culture
1	97	39	17	60	152	53
2	6	42	8	99	71	34
3	21	36	80	75	102	35
4	6	25	2	56	7	44
5	32	33	111	66	12	54
6	62	21	26	61	16	47
7	19	20	13	59	4	46
8	83	39	6	40	63	55
9	120	29	6	74	173	45
10	7	34	117	76	166	49
Mean	45.3	31.8	38.6	66.6	76.6	46.2
Variance	1774.2	60.2	2087.2	246.3	4643.6	52.6

***** Data represented here is obtained from three independent experiments

Table S3. Isolation of *S. sonnei* as a sole pathogen and in polymicrobial infections from diarrheal patients admitted to the Infectious Diseases Hospital, Kolkata, over the past five years

Etiology	Frequency	Percentage
S. sonnei	48	57.8
S. sonnei+ *Aeromonas* sp.	1	1.2
S. sonnei +*Campylobacter jejuni*	6	7.2
S. sonnei+*Campylobacter jejuni*+ EAEC	1	1.2
S. sonnei+Adenovirus	2	2.4
S. sonnei+Astrovirus+*Entamoeba histolytica*	1	1.2
S. sonnei+*Cryptosporidium* sp.	1	1.2
S. sonnei+EAEC	2	2.4
S. sonnei+EPEC	1	1.2
S. sonnei+*Giardia lamblia*	3	3.6
S. sonnei+*Giardia lamblia*+*Cryptosporidium* sp.	1	1.2
S. sonnei+Rotavirus	2	2.4
S. sonnei+Rotavirus+Adenovirus	3	3.6
S. sonnei+Sapovirus	1	1.2
S. sonnei+Sapovirus+Astrovirus	1	1.2
S. sonnei+*Vibrio cholera* Non O1 Non O139+*Aeromonas* sp.	1	1.2
S. sonnei+ *Vibrio cholera* Non O1 Non O139+*Campylobacter jejuni*	1	1.2
S. sonnei+ *Vibrio cholera* Non O1 Non O139	1	1.2
S. sonnei+*Vibrio cholera* O1	2	2.4
S. sonnei+*Vibrio cholera* O1+*Entamoeba histolytica*	1	1.2
S. sonnei+*Vibrio cholera* O1+Rotavirus	1	1.2
S. sonnei+*Vibrio cholera* O1+Rotavirus+Adenovirus+*Giradia lamblia*	1	1.2
S. sonnei+*Vibrio cholera* O1+Sapovirus	1	1.2
Total	**83**	**100.0**