

## Supplementary Material

**Table S1**

		anti-LTB IgG			anti-LTB IgA			anti-LTA IgG			total responders		
		LT+/ST-	LT+/ST+	ST+	LT+/ST-	LT+/ST+	ST+	LT+/ST-	LT+/ST+	ST+	LT+/ST-	LT+/ST+	ST+
Children	2 fold	3 (9%)	5 (15%)	2(17%)	5(15%)	2(6%)	4(27%)	2(6%)	4(12%)	1(8%)	7(21%)	6(18%)	5(42%)
	4 fold	1 (3%)	3 (9%)	1(8%)	1(3%)	0(0%)	1(7%)	1 (3%)	3 (9%)	0(0%)	2(6%)	3(9%)	2(17%)
Adults	2 fold	1(4%)	4(14%)	1(7%)	1(4%)	2(8%)	0(0%)	1(4%)	4(14%)	1(7%)	1(4%)	4(14%)	2(14%)
	4 fold	1(4%)	2(7%)	0(0%)	0(0%)	1(4%)	0(0%)	1(4%)	2(7%)	0(0%)	1(4%)	2(7%)	0(0%)

**Table S1: Anti-LTB IgG/IgA and anti-LTA IgG responder rates for ETEC infection grouped based on the presence of the LT and ST genes.** Number of patients and their percentage in corresponding population with 2- or 4- fold increase in plasma IgG or IgA titers at any sampling day compared to day 2 (or IgG) or day 30 (for IgA) are given for LTB and LTA separately, or for all subjects with 2- or 4-fold increase for any of the antigen or antibody isotype tested (total responders).

**Table S2**

		ELISA (end point titers)					
Subject ID	Subject type	LTB IgG			CTB IgG		
		D2	D7	D30	D2	D7	D30
D0110018	LT/STh, adult	866	1133	1866	67	76	131
D0110020	LT/STh, adult	2389	2601	2202	57	52	30
D0110022	LT/STh, adult	2303	28677	10171	127	3.051	498
D0110016	LT/STp, adult	473	416	524	48	507	588
D0110024	LT, adult	583	4910	3292	29	1.397	1.168
M0210073	STh, adult	243	299	822	70	71	133
M0220023	LT/STh, 9 months	1342	10007	5561	81	485	197
M0220063	LT/STh, 3 years	691	455	1522	123	1.504	607
M0220057	LT/STh, 3 years	1080	840	987	114	94	190
M0220005	LT/STp, 1 year	699	1089	1123	170	97	106
M0220062	LT/STp, 2 years	1841	19657	13957	235	3.952	3.146
M0220133	LT/STp, 2 years	944	904	746	58	87	85
M0220061	LT, 1 year	1027	2623	6227	96	562	1.731
M0220064	LT, 1 year	1670	2165	1853	148	160	148
M0220086	LT, 3 years	22690	16360	6890	4.762	4.280	2.256
M0220096	LT, 2 years	793	1463	908	141	206	148
M0220104	LT, 2 years	11782	24777	15389	1.725	2.766	2.102

		ELISA (end point titers)					
Subject ID	Subject type	LTB IgG			CTB IgG		
		D2	D7	D30	D2	D7	D30
M0220172	LT, 1 year	2549	4582	1636	774	898	578
M0220056	STh, 3 years	2745	2740	2217	434	419	393
M0220077	STh, 4 years	3082	823	813	202	143	168
M0220157	STp, 4 years	8410	8421	5135	262	259	301
M0250225	healthy adult	2582			141		
M0250215	healthy adult	1434			118		

**Table S2: Anti-LTB IgG and anti-CTB IgG end point titers for selected patients with ETEC infection or healthy adults.** Subject ID, Subject type including age of patient and type of ETEC infection based on toxin expression and corresponding plasma anti-LTB anti-CTB IgG end point titers at day 2, day 7 and day 30 after onset of symptoms for selected patients with ETEC infection or at on time point for healthy adults.