

Table S2 Antibody activity of sera from culture-confirmed paratyphoid A patients determined by various ELISA and TUBEX tests.

Specimen no.	ELISA IgM			ELISA IgG			TUBEX		
	T-LPS	P-LPS	M-LPS	T-LPS	P-LPS	M-LPS	TF	PA	12P
Group A1 (obtained in 2006)									
P01	M	M	L	M	H	H	ND	6	8
P02	-	L	-	L	H	M	ND	0	4
P06	-	L	-	L	H	M	ND	0	3
P08	-	L	-	L	H	-	ND	1	5
P09	-	L	M	M	M	M	ND	0	0
P12	-	L	-	M	H	H	ND	1	8
P16	-	L	-	H	H	M	ND	0	1
P19	H	H	H	H	H	H	ND	6	9
P24	-	L	-	-	L	-	ND	0	0
Group A1 sensitivity								2/9 <b>22.2%</b>	6/9 <b>66.7%</b>
Group A2 (obtained in 2009)									
P25	M	H	L	H	H	H	6	4	6
P27	M	H	H	H	H	H	4	8	9
P28	-	M	-	L	H	H	2	0	6
P30	M	H	M	H	H	H	7	10	9
P33	-	M	-	H	H	H	0	6	8
P36	L	H	-	H	H	H	0	3	6
Group A2 sensitivity							3/6 <b>50.0%</b>	5/6 <b>83.3%</b>	6/6 <b>100%</b>
Combined Group A sensitivity							3/6 <b>50.0%</b>	7/15 <b>46.7%</b>	12/15 <b>80.0%</b>
Group B									
P04	-	L	L	-	-	M	ND	0	0
Group B sensitivity								0/1 <b>0%</b>	0/1 <b>0%</b>
Group C									
P05	-	-	-	-	-	-	ND	0	0
P10	-	-	-	-	-	-	ND	1	4
P31	-	-	-	-	-	-	0	0	0
P35	-	-	-	-	-	-	0	0	0

Group C sensitivity							0/2 <b>0%</b>	0/4 <b>0%</b>	1/4 <b>25.0%</b>
Group D1 (2006)									
P03	-	-	-	M	H	H	ND	2	6
P07	-	-	-	-	M	H	ND	0	2
P11	-	-	-	M	H	H	ND	0	3
P13	-	-	-	-	H	H	ND	0	0
P14	-	-	-	L	H	H	ND	7	7
P15	-	-	L	L	L	-	ND	0	0
P17	-	-	-	H	H	H	ND	0	1
P20	-	-	-	-	M	M	ND	0	0
P21	-	-	-	M	M	H	ND	0	0
P22	-	-	-	L	L	M	ND	0	0
P23	-	-	-	-	H	H	ND	0	0
P18	-	-	-	H	H	H	ND	4	8
Group D1 sensitivity								2/12 <b>16.7%</b>	4/12 <b>33.3%</b>
Group D2 (2009)									
P26	-	-	-	M	H	H	0	0	2
P29	-	-	-	H	H	H	0	0	4
P32	-	-	-	M	M	M	0	0	1
P34	M	-	-	H	H	H	0	5	6
Group D2 sensitivity							0/4 <b>0%</b>	1/4 <b>25.0%</b>	2/4 <b>50.0%</b>
Combined Group D sensitivity							0/4 <b>0%</b>	3/16 <b>18.8%</b>	6/16 <b>37.5%</b>
Group (A + B) sensitivity							3/6 <b>50.0%</b>	7/16 <b>43.8%</b>	12/16 <b>75.0%</b>
Group (A + B + C) sensitivity							3/8 <b>37.5%</b>	7/20 <b>35.0%</b>	13/20 <b>65.0%</b>
Group (A + B + C + D) sensitivity							3/12 <b>25.0%</b>	10/36 <b>28.6%</b>	19/36 <b>52.8%</b>

Results expressed as ELISA or TUBEX scores; notations as in Table S1.