

Suppl Table 1. Dengue IgG (MIA) and neutralizing (Neut.) responses by serotype.

	Dengue IgG n (%)																				Dengue Neut. n (%)											
	GBS ^a				GBS ^b				GBS ^c				CTR1				CTR2															
	IgG Z ⁻		IgG Z ⁺		IgG Z ⁻		IgG Z ⁺		IgG Z ⁻		IgG Z ⁺		IgG Z ⁻		IgG Z ⁺		IgG Z ⁻		IgG Z ⁺													
D1234	6	(33.3)	18	(75.0)	24	(57.1)	4	(28.6)	17	(60.7)	21	(50.0)	5	(38.4)	9	(31.0)	14	(33.3)	23	(31.5)	16	(64.0)	39	(39.8)	10	(15.4)	2	(40.0)	12	(17.1)	35	(85.4)
D134	4	(22.2)	3	(12.5)	7	(16.7)	3	(21.5)	7	(25.0)	10	(23.8)	4	(30.8)	7	(24.2)	11	(26.2)	7	(9.6)	4	(16.0)	11	(11.2)	8	(12.3)	0	-	8	(11.4)	1	(2.4)
D124	1	(5.6)	1	(4.2)	2	(4.8)	-	-	-	-	0		0	-	0	-	0		2	(2.7)	1	(4.0)	3	(3.1)	2	(3.1)	1	(20.0)	3	(4.3)	0	-
D234	-	-	-	-	0		-	-	-	-	0		0	-	0	-	0		1	(1.4)	0	-	1	(1.0)	0	-	0	-	0		5	(12.2)
D14	2	(9.0)	1	(4.2)	3	(7.1)	2	(14.3)	2	(7.1)	4	(9.5)	2	(15.4)	5	(17.2)	7	(16.7)	5	(6.8)	2	(8.0)	7	(7.1)	13	(20.0)	0	-	13	(18.6)	0	-
D13	1	(5.6)	1	(4.2)	2	(4.8)	2	(14.3)	1	(3.6)	3	(7.1)	0	-	4	(13.8)	4	(9.5)	4	(5.5)	0	-	4	(4.1)	7	(10.8)	1	(20.0)	8	(11.4)	0	-
D12	1	(5.6)	-	-	1	(2.4)	1	(7.1)	-	-	1	(2.4)	0	-	0	-	0		0	-	0	-	0		0	-	0	-	0		0	-
D34	-	-	-	-	0		-	-	-	-	0		0	-	0	-	0		0	-	0	-	0		2	(3.1)	0	-	2	(2.9)	0	-
D1	3	(6.0)	-	-	3	(7.1)	1	(7.1)	1	(3.6)	2	(4.8)	0	-	4	(13.8)	4	(9.5)	15	(20.5)	2	(8.0)	17	(17.3)	8	(12.3)	1	(20.0)	9	(12.9)	0	-
D2	-	-	-	-	0		-	-	-	-	0		0	-	0	-	0		1	(1.4)	0	-	1	(1.0)	0	-	0	-	0		0	-
D3	-	-	-	-	0		-	-	-	-	0		0	-	0	-	0		0	-	0	-	0		2	(3.1)	0	-	2	(2.9)	0	-
D4	-	-	-	-	0		-	-	-	-	0		0	-	0	-	0		4	(5.5)	0	-	4	(4.1)	1	(1.5)	0	-	1	(1.4)	0	-
D Neg	-	-	-	-	0		1	(7.1)	-	-	1	(2.4)	2	(15.4)	0	-	2	(4.8)	11	(15.1)	0	-	11	(11.2)	12	(18.4)	0	-	12	(17.1)	0	-
	18		24		42		14		28		42		13		29		42		73		25		98		65		5		70		41	

^aGBS first sample; ^bGBS intermediate sample; ^cGBS last sample.

Sensitivity and specificity of positivity thresholds for dengue and Zika IgG detection by MIA. These Specificity and Sensitivity values were calculated by GraphPad Prism 6 software based on the analysis of Receiver-Operator Characteristic (ROC) curves obtained for each antigen tested on a set of negative and positive controls.

	D1	D2	D3	D4	ZIK
Sensitivity	100%	90%	80.95%	100%	82.72%
Specificity	100%	98.8%	100%	100%	92.11%