

Table S8. Summary microneutralization results by time, study group and antigen

Time Point (N per group), Influenza antigens a,b,c,d	Titer ≥40		Titer ≥10		GMT (95%CI)		Sero-conversion ^e		GMTR ^e	
	Vaccine n	Placebo n	Vaccine n	Placebo n	Vaccine n	Placebo n	Vaccine n	Placebo n	Vaccine n	Placebo n
Day 0 (16)	N=14	N=15	N=14	N=15	N=14	N=15	NA	NA	NA	NA
Seasonal H1N1	0	0	0	0	5	5	NA	NA	NA	NA
Seasonal H3N2	0 ^f	0	0 ^f	0	5 ^f	5	NA	NA	NA	NA
Influenza B	0	0	0	0	5	5	NA	NA	NA	NA
A(H1N1)pdm09	0	0	0	0	5	5	NA	NA	NA	NA
Day 28 (16)	N=16	N=16	N=16	N=16	N=16	N=16	N=14	N=15	N=14	N=15
Seasonal H1N1	2	0	4	0	7.5 (4.7-12.1)	5	0	0	1.51	1.00
Seasonal H3N2	2	0	2	0	7.5 (4.4-12.8)	5	2 ^f	0	1.51	1.00
Influenza B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A(H1N1)pdm09	0	0	0	0	5	5	0	0	1.00	1.00
Day 49/Ch0 (16)	N=15	N=15	N=15	N=15	N=15	N=15	N=15	N=14	N=15	N=14
Seasonal H1N1	3	0	7	0	12.3 (6.2-24.5)	5	1 ^g	0	1.56 ^g	1.00
Seasonal H3N2	2	0	5	0	10.7 (5.1-22.5)	5	2	0	2.14	1.00
Influenza B	1 ^g	0	3 ^g	0	7.1 (4.2-12.0) ^g	5	0 ^h	0	1.22 ^h	1.00
A(H1N1)pdm09	0 ⁱ	0	0 ⁱ	0	5 ⁱ	5	0 ^h	0	1.00 ^h	1.00
Day 54/Ch+5 (4)	N=4	N=4	N=4	N=4	N=4	N=4	N=4	N=3	N=4	N=3
Seasonal H1N1	1	0	1	0	9.2 (1.3-63.2)	5	0 ^j	0	1.83 ^j	1.00
Seasonal H3N2	1	0	1	0	10.0 (1.1-90.8)	5	1	0	2.00	1.00
Influenza B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A(H1N1)pdm09	0	0	2	2	9.2 (3.6-23.5)	7.7 (4.5-13.1)	0 ^j	0	1.83 ^j	1.54
Day 63/Ch+14 (12)	N=11	N=11	N=11	N=11	N=11	N=11	N=10	N=11	N=10	N=11
Seasonal H1N1	2	0	6	0	14.1 (6.4-31.3)	5	1	0	2.83	1.00
Seasonal H3N2	2	0	6	0	14.1 (6.5-30.6)	5	2 ^k	0	2.83 ^k	1.00
Influenza B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
A(H1N1)pdm09	11	11	11	11	5284 (3062-9118)	6383 (4041-10083)	10	11	1057	1277

Sero-conversion = number with four-fold or greater rise in geometric mean titer (GMT) or from titer <10 to at least 40. Titers <10 assigned a value of 5; NA=Not Applicable; ND= Not done; Ch=challenge; GMTR: GMT ratio relative to Day 0. Where numbers (N) differ from the number randomized per group it is because insufficient sera remained for testing of all animals.

a. Seasonal H1N1=A/Brisbane/59/2007(H1N1)-like; b. Seasonal H3N2=A/Brisbane/10/2007(H3N2)-like; c. Influenza B=B/Florida/4/2006-like; d. A(H1N1)pdm09=A/California/07/2009-like; e. Relative to Day 0; f. N=16; g. N=13; h. N=12; i. N=14; j. N=3; k. N=11;