

Supplementary Table S1

Comparisons between maternal rotavirus-specific IgA and IgG antibodies titres (log transformed) and vaccine responses in their infants who had been administered RV3-BB in the neonatal vaccine schedule group presented according to vaccine titre groups.

Significant comparisons *p<0.05. **p<0.005

	NEONATAL VACCINE SCHEDULE LOW TITRE GROUP		NEONATAL VACCINE SCHEDULE MID TITRE GROUP		NEONATAL VACCINE SCHEDULE HIGH TITRE GROUP	
Maternal serum rotavirus specific IgA antibody: Mother-baby pairs (n) Maternal serum IgA Geometric mean titre log transformed (95% CI)	141 10.28 (10.10, 10.46)		142 10.25 (10.06, 10.44)		139 10.34 (10.17, 10.51)	
Maternal Serum rotavirus specific IgG antibody: Mother-baby pairs (n) Maternal serum IgG Geometric mean titre log transformed (95% CI)	140 10.29 (10.11, 10.47)		141 10.16 (9.94, 10.38)		139 10.12 (9.88, 10.36)	
	VACCINE RESPONSES IN INFANTs ADMINISTERED RV3-BB ACCORDING TO VACCINE TITRE GROUP					
	VACCINE TAKE		VACCINE TAKE		VACCINE TAKE	
	Yes	No	Yes	No	Yes	No
Neonatal vaccine schedule post-dose 1 <i>Maternal serum rotavirus specific IgA:</i> Mother-baby pairs (n) Maternal serum IgA Geometric mean titre log transformed (95% CI) <i>Maternal IgG:</i> Mother-baby pairs (n) Maternal serum IgG Geometric mean titre log transformed (95% CI)	23 10.23 (1.12)	118 10.29 (1.09)	45 10.23 (1.18)	97 10.26 (1.14)	50 10.51 (1.17)	89 10.24 (0.94)
	23 9.99 (1.16)	117 10.35 (0.90)	45 9.86 (1.51)	96 10.30 (1.21)	50 9.86 (1.79)	89 10.27 (1.24)
Neonatal vaccine schedule post-dose 3 <i>Maternal serum rotavirus specific IgA:</i> Mother-baby pairs (n) Maternal serum IgA Geometric mean titre log transformed (95% CI) <i>Maternal IgG:</i> Mother-baby pairs (n) Maternal serum IgG Geometric mean titre log transformed (95% CI)	94 10.27 (1.08)	47 10.22 (1.20)	113 10.27 (1.16)	29 10.37 (0.94)	117 10.31 (1.07)	22 10.51 (0.80)
	94 10.25 (0.96)	46 10.38 (0.92)	112 10.08 (1.43)	29 10.47 (0.76)	117 10.04 (1.54)	22 10.55 (0.85)
	SERUM IgA RESPONSE		SERUM IgA RESPONSE		SERUM IgA RESPONSE	
	Yes	No	Yes	No	Yes	No
Neonatal vaccine schedule post-dose 1 <i>Maternal serum rotavirus specific IgA:</i> Mother-baby pairs (n) Maternal serum IgA Geometric mean titre log transformed (95% CI) <i>Maternal IgG:</i> Mother-baby pairs (n) Maternal serum IgG Geometric mean titre log transformed (95% CI)	12 10.37 (1.26)	129 10.27 (1.08)	32 10.12 (1.25)	108 10.28 (1.13)	30 10.39 (1.13)	108 10.32 (1.01)
	12 9.95 (1.07)	128 10.32 (0.93)	32* 9.70 (1.64)	107 10.30 (1.2)	30 9.75 (1.62)	108 10.22 (1.42)
Neonatal vaccine schedule post-dose 3 <i>Maternal serum rotavirus specific IgA:</i> Mother-baby pairs (n) Maternal serum IgA Geometric mean titre log transformed (95% CI) <i>Maternal IgG:</i> Mother-baby pairs (n) Maternal serum IgG Geometric mean titre log transformed (95% CI)	57 10.11 (1.06)	81 10.41 (1.12)	80 10.15 (1.19)	60 10.36 (1.10)	78* 10.17 (1.12)	60 10.56 (0.86)
	57* 10.06 (0.89)	80 10.44 (0.97)	79* 9.93 (1.55)	60 10.42 (0.9)	78** 9.81 (1.74)	60 10.56 (0.89)
	SHEDDING		SHEDDING		SHEDDING	
	Yes	No	Yes	No	Yes	No
Neonatal vaccine schedule post-dose 1 <i>Maternal serum rotavirus specific IgA:</i> Mother-baby pairs (n) Maternal serum IgA Geometric mean titre log transformed (95% CI) <i>Maternal IgG:</i> Mother-baby pairs (n) Maternal serum IgG Geometric mean titre log transformed (95% CI)	12 10.14 (0.96)	112 10.33 (1.09)	15 10.48 (0.9)	105 10.17 (1.19)	29 10.48 (1.15)	90 10.27 (0.97)
	12 10.10 (1.25)	112 10.30 (0.90)	15 10.26 (1.00)	104 10.13 (1.44)	29 10.03 (1.72)	90 10.11 (1.50)
Neonatal vaccine schedule post-dose 3 <i>Maternal serum rotavirus specific IgA:</i> Mother-baby pairs (n) Maternal serum IgA Geometric mean titre log transformed (95% CI) <i>Maternal IgG:</i> Mother-baby pairs (n) Maternal serum IgG Geometric mean titre log transformed (95% CI)	62 10.44 (1.06)	41 10.14 (1.18)	70 10.47 (1.21)	40 10.05 (1.14)	84 10.40 (1.07)	25 10.23 (1.01)
	62 10.40 (0.99)	41 10.24 (1.04)	70 10.24 (1.36)	39 10.25 (0.76)	84 10.05 (1.77)	25 10.28(0.77)