

Level of specific IgG to PA-D3 of *B. anthracis* in the samples of blood serum from the donors.

The data are presented by a median titer with an interquartile range as a characteristic of the spread of values in the groups. The distribution was analysed using the Shapiro-Wilk test. The data were analysed using the Kruskal-Wallis test with multiple Dunn's comparisons in a One-Way ANOVA.

	Months after Vaccination				Nonvaccinated
	1-3	4-8	9-11	>12	
Titers	50	200	0	25	25
	400	200	800	50	0
	50	100	50	0	50
	800	100	25	25	100
	400	25	400	100	50
	200	50	50	400	100
	800	100	100	25	50
	50	200	100	0	0
	1600	800	0	0	25
	400	50	0	200	400
	200	50	100	200	0
	800	25	0	100	100
	3200	25	50	0	25
	50	25	400	0	50
	100	50	50	0	0
	100	100		0	400
		25		100	100
		100			25
		25			0
					25
				0	

One-Way ANOVA	
Table Analyzed	PA-D3 titers
Kruskal-Wallis test	
P value	0,0005
Exact or approximate P value?	Approximate
P value summary	***
Do the medians vary signif. (P < 0.05)	Yes
Number of groups	5
Kruskal-Wallis statistic	19,97
Data summary	
Number of treatments (columns)	5
Number of values (total)	88

ANOVA Multiple Comparison					
Number of families	1				
Number of comparisons per family	10				
Alpha	0,05				
Dunn's multiple comparisons test	Mean rank diff,	Significant?	Summary		
1-3 vs. 4-8	20,21	No	ns		
1-3 vs. 9-11	24,94	No	ns		
1-3 vs. >12	33,91	Yes	**		
1-3 vs. Nonvaccinated	32,71	Yes	***		
4-8 vs. 9-11	4,73	No	ns		
4-8 vs. >12	13,7	No	ns		
4-8 vs. Nonvaccinated	12,5	No	ns		
9-11 vs. >12	8,975	No	ns		
9-11 vs. Nonvaccinated	7,771	No	ns		
>12 vs. Nonvaccinated	-1,203	No	ns		
Test details	Mean rank 1	Mean rank 2	Mean rank diff,	n1	n2
1-3 vs. 4-8	67,47	47,26	20,21	16	19
1-3 vs. 9-11	67,47	42,53	24,94	16	15
1-3 vs. >12	67,47	33,56	33,91	16	17
1-3 vs. Nonvaccinated	67,47	34,76	32,71	16	21
4-8 vs. 9-11	47,26	42,53	4,73	19	15
4-8 vs. >12	47,26	33,56	13,7	19	17
4-8 vs. Nonvaccinated	47,26	34,76	12,5	19	21
9-11 vs. >12	42,53	33,56	8,975	15	17
9-11 vs. Nonvaccinated	42,53	34,76	7,771	15	21
>12 vs. Nonvaccinated	33,56	34,76	-1,203	17	21

Descriptive Statistics					
	1-3	4-8	9-11	>12	Nonvaccinated
Number of values	16	19	15	17	21
Minimum	50	25	0	0	0
25% Percentile	62,5	25	0	0	0
Median	300	50	50	25	25
75% Percentile	800	100	100	100	100
Maximum	3200	800	800	400	400
Mean	575	118,4	141,7	72,06	72,62
Std. Deviation	817,3	176	223,5	107,8	114,5
Std. Error of Mean	204,3	40,37	57,72	26,16	24,99
Lower 95% CI	139,5	33,61	17,87	16,61	20,48
Upper 95% CI	1011	203,2	265,5	127,5	124,8
Mean ranks	67,47	47,26	42,53	33,56	34,76

