

Level of specific IgG to spores antigens 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	200	200	0	200	200
	1600	400	200	200	100
	200	400	100	100	0
	400	800	400	0	0
	1600	400	800	200	50
	800	1600	400	1600	200
	3200	800	200	200	50
	1600	1600	200	200	100
	3200	3200	0	400	800
	1600	200	25	800	400
	800	200	50	400	0
	800	100	100	200	50
	800	400	100	200	0
	400	200	200	0	50
	400	100	400	400	100
	1600	800		200	50
		50		0	25
		400			25
		200			0
					100
				0	

One-Way ANOVA	
Table Analyzed	Spores titers
Kruskal-Wallis test	
P value	< 0,0001
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	38,63
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	15,78	No	ns		
1-3 vs. 9-11	34,77	Yes	**		
1-3 vs. >12	28,94	Yes	**		
1-3 vs. Nonvaccinated	48,37	Yes	****		
4-8 vs. 9-11	18,98	No	ns		
4-8 vs. >12	13,15	No	ns		
4-8 vs. Nonvaccinated	32,59	Yes	***		
9-11 vs. >12	-5,829	No	ns		
9-11 vs. Nonvaccinated	13,6	No	ns		
>12 vs. Nonvaccinated	19,43	No	ns		
Test details	Mean rank 1	Mean rank 2	Mean rank diff,	n1	n2
1-3 vs. 4-8	70,97	55,18	15,78	16	19
1-3 vs. 9-11	70,97	36,2	34,77	16	15
1-3 vs. >12	70,97	42,03	28,94	16	17
1-3 vs. Nonvaccinated	70,97	22,6	48,37	16	21
4-8 vs. 9-11	55,18	36,2	18,98	19	15
4-8 vs. >12	55,18	42,03	13,15	19	17
4-8 vs. Nonvaccinated	55,18	22,6	32,59	19	21
9-11 vs. >12	36,2	42,03	-5,829	15	17
9-11 vs. Nonvaccinated	36,2	22,6	13,6	15	21
>12 vs. Nonvaccinated	42,03	22,6	19,43	17	21

Descriptive Statistics					
	1-3	4-8	9-11	>12	Nonvaccinated
Number of values	16	19	15	17	21
Minimum	200	50	0	0	0
25% Percentile	400	200	50	150	0
Median	800	400	200	200	50
75% Percentile	1600	800	400	400	100
Maximum	3200	3200	800	1600	800
Mean	1200	634,2	211,7	311,8	109,5
Std. Deviation	943,8	769,6	214	383,9	184,6
Std. Error of Mean	235,9	176,6	55,25	93,1	40,29
Lower 95% CI	697,1	263,3	93,16	114,4	25,48
Upper 95% CI	1703	1005	330,2	509,1	193,6
Mean ranks	70,97	55,18	36,2	42,03	22,6

