

Level of specific IgG to LF-D1 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	100	0	0	0
	200	50	400	0	0
	1600	400	1600	0	0
	400	0	1600	25	25
	1600	25	800	0	0
	3200	200	400	0	0
	1600	400	400	0	0
	50	400	800	0	0
	800	100	0	50	50
	200	400	200	100	100
	3200	0	0	100	100
	800	200	200	50	50
	400	100	50	50	50
	1600	200	200	100	100
	400	200	100	50	50
	200	800		200	200
		50		0	0
		400			0
		25			50
					0
				0	

One-Way ANOVA	
Table Analyzed	LF-D1 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	41,66
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	21,51	No	ns		
1-3 vs. 9-11	16,31	No	ns		
1-3 vs. >12	44,08	Yes	****		
1-3 vs. Nonvaccinated	45,83	Yes	****		
4-8 vs. 9-11	-5,198	No	ns		
4-8 vs. >12	22,57	No	ns		
4-8 vs. Nonvaccinated	24,32	Yes	*		
9-11 vs. >12	27,77	Yes	*		
9-11 vs. Nonvaccinated	29,52	Yes	**		
>12 vs. Nonvaccinated	1,746	No	ns		
Test details	Mean rank 1	Mean rank 2	Mean rank diff,	n1	n2
1-3 vs. 4-8	71,38	49,87	21,51	16	19
1-3 vs. 9-11	71,38	55,07	16,31	16	15
1-3 vs. >12	71,38	27,29	44,08	16	17
1-3 vs. Nonvaccinated	71,38	25,55	45,83	16	21
4-8 vs. 9-11	49,87	55,07	-5,198	19	15
4-8 vs. >12	49,87	27,29	22,57	19	17
4-8 vs. Nonvaccinated	49,87	25,55	24,32	19	21
9-11 vs. >12	55,07	27,29	27,77	15	17
9-11 vs. Nonvaccinated	55,07	25,55	29,52	15	21
>12 vs. Nonvaccinated	27,29	25,55	1,746	17	21

Descriptive Statistics					
	1-3	4-8	9-11	>12	Nonvaccinated
Number of values	16	19	15	17	21
Minimum	50	0	0	0	0
25% Percentile	200	50	50	0	0
Median	600	200	200	25	0
75% Percentile	1600	400	800	75	50
Maximum	3200	800	1600	200	200
Mean	1028	213,2	450	42,65	36,9
Std. Deviation	1024	207,2	532,8	55,74	52,21
Std. Error of Mean	256	47,54	137,6	13,52	11,39
Lower 95% CI	482,5	113,3	154,9	13,99	13,14
Upper 95% CI	1574	313	745,1	71,3	60,67
Mean ranks	71,38	49,87	55,07	27,29	25,55

