

Level of specific IgG to LF-D4 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	400	400	0	0	0
	800	25	400	0	0
	1600	50	800	50	0
	800	25	200	0	0
	1600	200	400	0	25
	3200	400	800	50	0
	1600	200	400	0	100
	3200	400	400	0	50
	800	400	0	0	0
	400	200	100	400	25
	800	50	0	0	0
	400	200	50	0	0
	200	800	100	0	0
	100	25	800	0	0
	800	200	200	25	0
	200	400		25	0
		200		0	0
		0			0
	25			50	
				0	
				0	

One-Way ANOVA	
Table Analyzed	LF-D4 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	54,6
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	21,39	No	ns		
1-3 vs. 9-11	20,17	No	ns		
1-3 vs. >12	49,35	Yes	****		
1-3 vs. Nonvaccinated	51,87	Yes	****		
4-8 vs. 9-11	-1,221	No	ns		
4-8 vs. >12	27,96	Yes	**		
4-8 vs. Nonvaccinated	30,48	Yes	**		
9-11 vs. >12	29,18	Yes	**		
9-11 vs. Nonvaccinated	31,7	Yes	**		
>12 vs. Nonvaccinated	2,522	No	ns		
Test details	Mean rank 1	Mean rank 2	Mean rank diff,	n1	n2
1-3 vs. 4-8	74,47	53,08	21,39	16	19
1-3 vs. 9-11	74,47	54,3	20,17	16	15
1-3 vs. >12	74,47	25,12	49,35	16	17
1-3 vs. Nonvaccinated	74,47	22,6	51,87	16	21
4-8 vs. 9-11	53,08	54,3	-1,221	19	15
4-8 vs. >12	53,08	25,12	27,96	19	17
4-8 vs. Nonvaccinated	53,08	22,6	30,48	19	21
9-11 vs. >12	54,3	25,12	29,18	15	17
9-11 vs. Nonvaccinated	54,3	22,6	31,7	15	21
>12 vs. Nonvaccinated	25,12	22,6	2,522	17	21

Descriptive Statistics					
	1-3	4-8	9-11	>12	Nonvaccinated
Number of values	16	19	15	17	21
Minimum	100	0	0	0	0
25% Percentile	400	25	50	0	0
Median	800	200	200	0	0
75% Percentile	1600	400	400	25	12,5
Maximum	3200	800	800	400	100
Mean	1056	221,1	310	32,35	11,9
Std. Deviation	968,8	205,4	295,3	96,32	25,76
Std. Error of Mean	242,2	47,11	76,25	23,36	5,622
Lower 95% CI	540	122,1	146,5	-17,17	0,1779
Upper 95% CI	1572	320	473,5	81,88	23,63
Mean ranks	74,47	53,08	54,3	25,12	22,6

