Table S1—Median (range) results for hematologic variables and acute phase reactants for 4 Boerperd cross horses experimentally infected with African Horse Sickness Virus between November 23 and December 2, 2020, stratified by horse and serotype and with 15 to 19 evaluations per horse.

	Serotype (each horse was infected with a different serotype)				**Changes over time**		**Time by serotype interaction**	
Parameter	**A (n = 19)**	**B (n = 16)**	**C (n = 15)**	**D (n = 15)**	**ln time P value**	**(ln time)^2 P value**	**ln time P value**	**(ln time)^2 P value**
RBCs (x 10^3/L) †	-0.60 (-1.44, 0.12)	-1.19 (-2.04, 2.62)	-0.87 (-1.74, 8.24)	-1.72 (-2.05, 0.89)	0.019	0.031	0.586	0.461
Hemoglobin concentration (g/L) †	-6 (-16, 4)	-15 (-27, 37)	-10 (-22, 119)	-28 (-34, 14)	0.006	0.008	0.566	0.446
Hct (%)	-0.03 (-0.07, 0)	-0.05 (-0.08, 0.10)	-0.03 (-0.06, 0.39)	-0.08 (-0.09, 0.04)	0.003	0.003	0.196	0.146
MCV (fl)	-0.70 (-1.70, -0.30)	-0.45 (-0.90, -0.20)	0 (-0.70, 4.00)	-0.50 (-0.80, 0.30)	0.194	0.218	0.064	0.036
MCH (pg)	0.30 (-0.20, 1.20)	0.15 (-0.30, 0.40)	0.20 (-0.40, 0.50)	-0.3 (-1.30, 0.10)	0.012	0.008	0.147	0.115
WBCs (x 10^3 cells/µL)	-1.19 (-3.96, 1.01)	-3.25 (-6.98, 1.90)	-0.06 (-4.22, 2.68)	-1.32 (-3.75, 3.37)	0.303	0.026	0.036	0.034
Mature neutrophils (x 10^3 cells/µL)	-0.32 (-3.22, 1.29)	-0.33 (-2.86, 2.09)	-1.03 (-3.45, 1.12)	-0.67 (-1.48, 4.06)	0.936	0.661	0.102	0.084
Lymphocytes (x 10^3 cells/µL)	-0.48 (-2.35, 1.49)	-2.61 (-5.06, 0.25)	0.48 (-1.35, 2.29)	-0.59 (-2.24, 1.73)	0.613	0.188	0.865	0.760
Monocytes (x 10^3 cells/µL)	0.11 (-0.16, 0.28)	-0.02 (-0.19, 0.32)	0.10 (-0.13, 0.30)	-0.26 (-0.54, 0.38)	0.005	0.003	0.865	0.760
Eosinophil (x 10^3 cells/µL)†	-0.51 (-0.64, -0.24)	-0.53 (-0.87, 0.02)	0 (-0.10, 0.24)	-0.12 (-0.21, 0.23)	0.137	0.047	0.887	0.754

Basophils (x 10^3 cells/µL)†	0 (0, 0.13)	0 (0, 0)	0 (0, 0.10)	-0.10 (-0.10, 0.08)	0.542	0.553	0.402	0.516
MPXI	-2.40 (-8.40, 0.90)	-0.95 (-6.20, 1.80)	-4.10 (-13.60, -0.30)	-0.70 (-6.90, 2.30)	0.001	0.001	0.981	0.965
Platelet concentration (x 10^3 cells/µL)	-50 (-68, -16)	-37 (-85, -6)	-83 (-199, 120)	-85 (-131, 122)	0.002	<0.001	0.071	0.009
Mean platelet volume (fl)	1.00 (0.30, 3.70)	0 (-0.40, 2.70)	-0.20 (-0.80, 1.00)	1.20 (-0.10, 3.20)	0.066	0.021	0.366	0.191
Platelet distribution width (%)†	-1.90 (-6.10, 41.00)	0.25 (-1.70, 32.60)	0.80 (-0.50, 31.40)	-2.20 (-12.10, 22.60)	0.007	0.001	0.496	0.514
Plateletcrit (%)	-0.03 (-0.04, 0)	-0.02 (-0.05, 0)	-0.07 (-0.15, 0.11)	-0.04 (-0.08, 0.06)	<0.001	<0.001	0.001	<0.001
Mean platelet component (g/dL)	-1.60 (-10.10, 0.80)	0.90 (-4.70, 2.10)	1.70 (-4.50, 3.30)	-3.00 (-9.70, 9.80)	0.060	0.030	0.540	0.390
Mean platelet mass (pg) †	0.23 (-0.10, 0.36)	0.08 (-0.02, 0.36)	-0.01 (-0.20, 0.19)	0.27 (-0.05, 0.51)	0.005	0.001	0.008	0.003
Iron (µmoL/L)	-18.40 (-26.8, 24.0)	-6.35 (-10.50, 10.40)	-1.40 (-5.50, 7.10)	-8.10 (-14.40, 2.70)	0.006	0.001	0.194	0.107
Serum amyloid A (mg/L) †	1 (0, 85)	0 (0, 24)	0 (0, 146)	2[a] (0, 91)	<0.001	<0.001	0.638	0.470

†Data rank transformed prior to statistical analysis

CHCM = Mean of the optically measured hemoglobin concentration within cells.

n = Number of evaluations per horse.

Transformed data are descriptively presented as the median and range per horse, changes from the baseline value are indicated as increase (positive median) or decrease (negative median). Significance ($p<0.05$) was determined either linear over time (in time) or as result of bidirectional changes over time (in time^2) evaluating possible interaction of the serotype.