



Table S1. Comparison of superoxide dismutase (SOD) and catalase (CAT) levels for experimental groups T00–T25 using one-way ANOVA and Tukey's test (small letters – a) and activity of the mentioned enzymes between group T00 on 24 weeks of age and groups T0-T25 on 29 weeks of age (33 day of the experiment) - capital letters (A, B), in the serum of laying hens. The results are presented using means and standard deviation (\pm SD) for $p \leq 0.05$. Statistical significance was indicated by: significant differences ** for $p \leq 0.001$; *** for $p \leq 0.0001$; N – number of hens.

	Serum	
	SOD [U/mL]	Catalase [μ M/min/mL]
24 weeks of age (N = 30)	T00 0.2 \pm 0.02A	39.94 \pm 5.34A
	T0 0.19 \pm 0.02Aa***	74.69 \pm 3.14 B***a***
33 day of experiment, i.e. 29 weeks of age (N = 30)	T10 0.14 \pm 0.02B***a***	140.85 \pm 9.68 B***a***
	T15 0.11 \pm 0.02 B***a***	46.08 \pm 2.19 B*a***
	T20 0.15 \pm 0.03 B***a***	57.58 \pm 3.53 B***a***
	T25 0.12 \pm 0.02 B***a**	58.9 \pm 1.91 B***a**