

# **Comparative analysis of evaluation parameters in broiler chickens infected with major parasitic species of *Eimeria***

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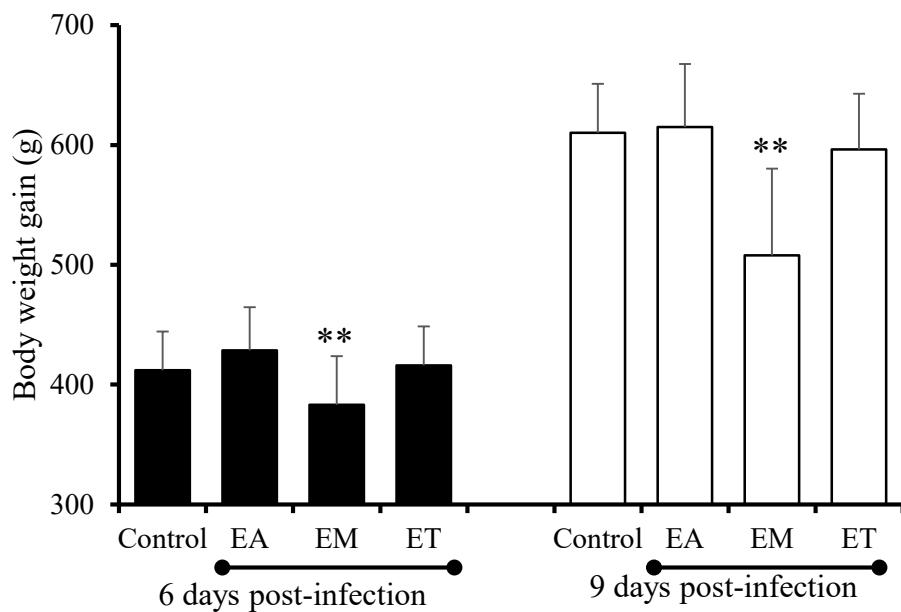
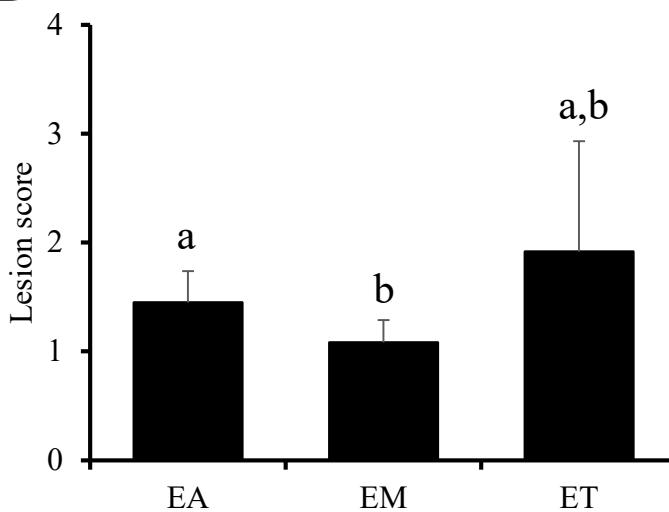
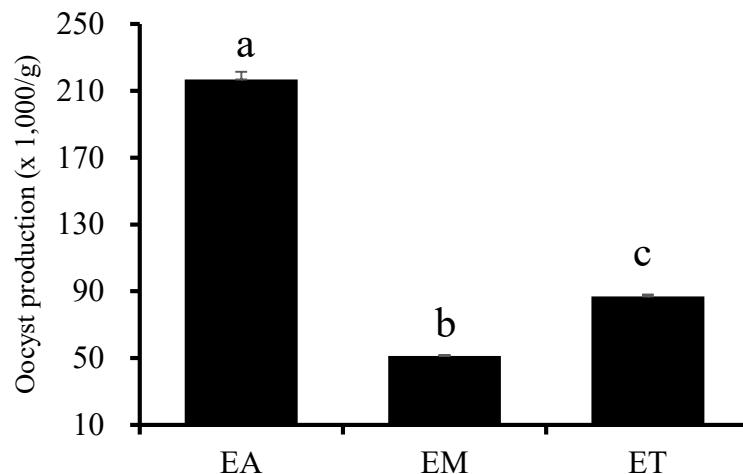
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**Supplementary Table 1.** Body weight gain of normal ROSS 308 broiler chickens

Body weight	Day 5		Day 13		Day 16	
	female	male	female	male	female	male
Average	109.3	114.9	416.6	449.6	610.3	654.9
Standard deviation	8.8	6.7	32.8	33.6	41.6	33.7
<i>P</i> -value	0.0091		0.0004		0.0004	

Body weight (n=30) was measured in grams per individual bird on day 5, day 13 and day 16 after hatch.

**A****B****C**

**Supplementary Figure 1. Comparison of clinical symptoms in female broilers infected with *E. acervulina*, *E. maxima* and *E. tenella*.** One-week-old ROSS 308 female chickens were orally infected with  $1 \times 10^4$  sporulated oocysts of *E. acervulina*, *E. maxima* and *E. tenella*. (A) Body weights (n=20) were measured at days 6 and 9 after infection. \*\*P < 0.01 indicates significant difference between infected groups and uninfected control group (Control). (B) Five chickens were randomly selected for gut lesion scoring 7 days after infection. Lesion scores (0 - 4) were based on scoring techniques previously described (Johnson and Reid, 1970). Within each graph, bars not sharing the indicated letters are significantly different ( $P < 0.05$ ). (C) Fecal oocyst production in chickens (n=20). The oocysts per gram feces were obtained from fecal samples collected from day 6 to day 9 after infection. Within each graph, bars not sharing the indicated letters are significantly different ( $P < 0.05$ ). Data represent the mean  $\pm$  SE and one of two independent experiments with similar pattern results. EA, *E. acervulina*; EM, *E. maxima*; ET, *E. tenella*.