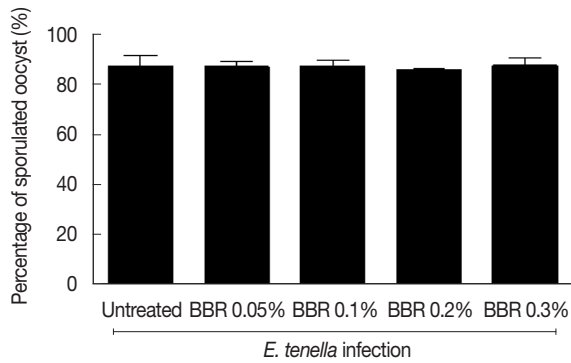
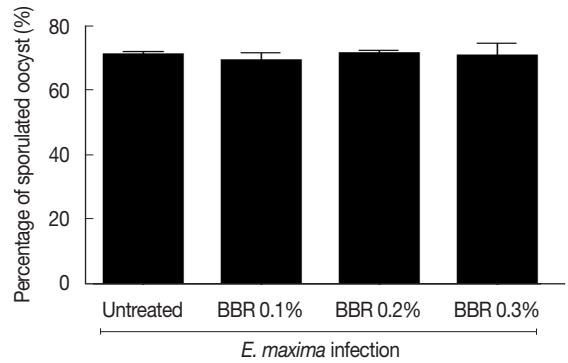


A**B**

Supplementary Fig. S1. Effect of berberine on in vitro oocyst sporulation. One-week-old male chickens (ROSS308) (n=10/group) were orally infected with 1×10^4 sporulated *E. tenella* or *E. maxima* oocysts and fed a standard diet throughout the experimental period. Fecal oocysts were collected from 6 to 9 days post-infection. (A) *E. tenella* samples were supplemented with berberine at concentrations of 0.1%, 0.2%, and 0.3%. (B) *E. maxima* samples were supplemented with berberine at concentrations of 0.1%, 0.2%, and 0.5%. Fecal samples for sporulation were incubated at 28°C for 2 days following berberine treatment. Sporulated oocysts were enumerated using a McMaster counting chamber. Data represent the mean \pm SE from 3 replicates and 1 representative of 2 independent experiments with similar results.