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### Seroprevalence of *Theileria* Infection in Goats in Hubei Province, China based on Circulating Antibodies

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#### Abstract

The word-wildly spread *Theileria*, is an economical important parasite to sheep and goats production. However, a little is known about whether goats in Hubei province are exposed to *Theileriosis*. Therefore, a survey was conducted to investigate the prevalence of *Theileria* infection in goats in Hubei province, China. A total 912 and 1047 serum samples were collected in 2014 and 2015, respectively and were assayed for *Theileria* antibodies by ELISA. The results showed that the prevalence was 17.0 and 21.8% in 2014 and 2015, respectively, which had revealed a growing trend of *Theileriosis* infection in goats in Hubei province.

**Key words:** ELISA, Goat, Prevalence, *Theileria*



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