

反芻動物副結核病血清盛行率調查

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摘要

本研究以 ELISA 方法進行副結核病血清抗體檢驗，共完成 48 場乳羊血清 1,280 支及 67 場乳牛血清 2,010 支之檢驗，在羊跟牛的陽性率分別為 2.4% 與 9.3%，而場陽性率在羊與牛分別為 37% 及 76%。由結果可得知副結核病的確在台灣乳羊與乳牛群中流行，本結果將有助於建立本病之流行病學分布模式及將來的控制計畫。

Investigation of the paratuberculosis seroprevalence in ruminants

CS Huang

Abstract

In total, 1,280 sera from 48 daily goat herds and 2,010 sera from 67 daily cattle herds were analyzed by a commercially available ELISA kit to monitor the seroprevalence of paratuberculosis in Taiwan. Respectively, the apparent prevalence was estimated at 2.4% and 9.3% for goats and cattle. And 37% of the goat herds and 76% of the cattle herds tested had at least one positive animal. Our findings indicate this disease is prevalent among the daily goat and cattle population and this data will be helpful to establish the epidemic distribution pattern and the control programs in Taiwan.