

论著

SPA-ELISA检测弓形虫感染鼠尿中的循环抗原

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摘要

[目的]探索弓形虫感染早期诊断的简便方法。[方法]用SPA ELISA检测轻度、中度和重度感染弓形虫鼠尿中弓形虫循环抗原(TCA)。[结果]轻度、中度和重度感染弓形虫3组鼠尿中均检出TCA,上述3组分别于弓形虫感染后d6、d3和d4显示阳性斑点。[结论]SPA ELISA能检出弓形虫感染鼠尿中的弓形虫循环抗原,可用于弓形虫感染的早期诊断。

关键词 [弓形虫](#) [循环抗原](#) [SPAELISA](#) [鼠尿](#)

分类号

DETECTON OF CIRCULATING ANTIGEN IN URINE FROM MICE INFECTED WITH TOXOPLASMA TACHYZOITES BY SPA-ELISA

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Abstract

[Objective] To explore a simple and convenient immunoassay for early diagnosis of Toxoplasma infection. [Methods] Urine samples collected from three groups of mice infected with different doses of tachyzoites were detected for Toxoplasma circulating antigen (TCA) by dot ELISA using HRP SPA as a second antibody (SPA ELISA). [Results] Toxoplasma circulating antigens were detected in all three groups of infected mice in contrast with the normal control group. Toxoplasma circulating antigen was detected on d 6 and d 3 after infection in mice of light and moderate infection groups, respectively. [Conclusion] SPA ELISA is a simple and convenient method for early immunodiagnosis of recent Toxoplasma infection.

Key words [Toxoplasma](#) [circulating antigen](#) [SPA ELISA](#) [mouse urine](#).

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