

研究简报

## 微孔板弓形虫染色试验

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摘要

以细胞培养的方法传代弓形虫, 建立微孔板弓形虫染色试验。血清与弓形虫虫体经孵育后, 用碱性美蓝染色, 计数100个虫体, 记录染色与未染色虫体的比例, 标本中50%虫体着色的稀释度为终点稀释度。弓形虫悬液浓度为 $10^9$ /ml, 辅助因子中含1%枸橼酸钠时, 弓形虫染色效果最好, 微孔板染色试验的稳定性良好。

关键词 [弓形虫](#) [染色实验](#) [微孔板](#)

分类号

## A Modified Dye Test for *Toxoplasma gondii* Infection

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Abstract

A modified dye test with microplate was to be established to detect *Toxoplasma* antibodies with cell-cultured *Toxoplasma gondii*. Numbers of stained and unstained tachyzoites were estimated in every 100 tachyzoites in each well after dyeing with methylene blue. The dilution with 50% tachyzoites stained was used as final dilution. Better results of the microplate dye test has been received when the concentration of tachyzoites in suspension reaches  $10^9$ /ml with 1% sodium citrate as accessory factor.

Key words [Toxoplasma gondii](#) [Dye test](#) [Microplate](#)

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