

论著

## ELISA检测妇科肿瘤患者伴发弓形虫感染的调查

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摘要

[目的]了解妇科宫颈癌患者伴发弓形虫感染的情况。[方法]采用 ELISA法检测弓形虫 IgG、IgM抗体和循环抗原。[结果]宫颈癌、妇科良性肿瘤、其它疾患妇女 3组人群的弓形虫感染率分别为 :44.0% (22/50)、25.4% (15/59)和 20.3% (28/138)。3组人群 IgG阳性率分别为 20.00%、11.86%和 10.87% ,IgM阳性率分别为20.00%、13.56%和 8.70% ,循环抗原阳性率分别为 14.00%、5.09%和 1.45%。[结论]宫颈癌患者弓形虫感染率明显高于其它两组人群 ,以循环抗原和 IgM阳性尤为明显

关键词 [弓形虫感染](#) [宫颈肿瘤](#) [ELISA](#) [循环抗原](#) [IgM](#) [IgG](#)

分类号

## DETECTION OF TOXOPLASMA INFECTION IN WOMEN WITH GYNAECOLOGIC NEOPLASMS USING ELISA

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Abstract

[Objective] To understand the concurrent in Toxoplasma infection among women with cervical cancer. [Methods] The anti Toxoplasma IgG, IgM antibodies (Abs) and circulating antigens (CAg) in 247 sera ( from 50 cases with cervical cancer in group 1, 59 cases with gynaecological benign tumors in group 2 and 138 cases with other diseases in group 3 ) were detected by ELISA. [Results] The total positive rates of the CAg and the Abs in the three groups were 44.0% (22/50), 25.4% (15/59) and 20.3% (28/138), respectively. The positive rates were 20.0%, 11.9% and 10.9%, respectively for IgG 20.0%, 13.6% and 8.7%, respectively for IgM and 14.0%, 5.1% and 1.4% respectively for CAg. [Conclusion] The Toxoplasma infection rate of the cervical cancer group was higher than those of the other two groups, particularly the positive rates of CAg and IgM.

Key words [Toxoplasma infection](#) [cervical neoplasms](#) [ELISA](#) [circulating antigen](#) [IgM](#) [IgG](#).

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