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上海市徐汇区公共卫生从业人员弓形虫感染的血清学调查分析

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Serological Survey of *Toxoplasma gondii* Infection among Public Health Practitioners in Xuhui District of Shanghai

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摘要

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摘要 随机抽取2010年12月~2011年3月上海市徐汇区公共卫生从业人员448名, 采集静脉血, ELISA法检测血清弓形虫特异性IgG抗体, 抽检的448名公共卫生从业人员中, 弓形虫IgG阳性率为10.3% (46/448)。不同来源地(上海、安徽、江苏、河南和四川等)和性别人员之间感染率差异均无统计学意义 ($P>0.05$)。≥30年龄组阳性率 (14.9%, 29/195) 明显高于<30年龄组阳性率 (6.7%, 17/253) ($P<0.05$)。30~39岁年龄组最高, 为15.8% (16/101)。食品生产加工行业从业人员阳性率 (12.6%, 36/286) 显著高于非食品生产加工行业从业人员阳性率 (6.2%, 10/162) ($P<0.05$)。

关键词: 刚地弓形虫 弓形虫病 血清学调查 IgG

Abstract: 448 public health practitioners in the district were selected randomly from Dec. 2010 to Mar. 2011. Blood specimens were collected and tested for anti-*T. gondii* IgG by ELISA. The result showed that the positive rate was 10.3% (46/448). No significant difference was found between males and females, so as different cities of origin ($P>0.05$). The positive rate was higher in ≥30 age group (14.9%, 29/195) than that in <30 age group (6.7%, 17/253) ($P<0.05$), and the highest sero-prevalence was recorded in 30-39 age group (15.8%, 16/101). The positive rate was higher in subjects engaged in the food production and processing enterprises (12.6%, 36/286) than those in other industries (6.2%, 10/162) ($P<0.05$).

Keywords: *Toxoplasma gondii* Toxoplasmosis Serological survey IgG**引用本文:**

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