

论著

ELISA法检测猬迭宫绦虫抗体的研究

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摘要

目的 探讨研制猬迭宫绦虫特异性诊断方法。方法 将已克隆的编码猬迭宫绦虫幼虫半胱氨酸酶的基因重组到表达载体内,制备高纯度的基因工程抗原,以此基因工程抗原制成酶联免疫吸附试剂盒,检测6例裂头蚴病患者血清。结果与结论 基因工程抗原能与裂头蚴病患者血清发生很强的特异性反应,而不能与囊虫病患者血清发生反应。此方法的建立为裂头蚴病的特异性诊断奠定了基础。

关键词 [猬迭宫绦虫](#) [ELISA](#) [基因工程抗原](#) [裂头蚴病](#)

分类号

Detection of Anti-Spirometra erinaceieuropaei Antibody Using ELISA

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Abstract

Objective To study specific diagnosis of Spirometra erinaceieuropaei . Methods An enzyme linked immunosorbent assay (ELISA) was studied using highly pure gene engineering antigen expressed by the recombination of the cloned cysteine proteinase gene of Spirametra erinaceieuropaei with expression vector pMAL TM c2. Six sera from patient infected with Spirometra erinaceieuropaei were detected using this method. Results and Conclusion The results showed that the gene engineering antigen reacted strongly with the sera from Spirometra erinaceieuropaei infected patients, but did not with the sera from Cysticercus cellulosae infected patients.

Key words [Spirometra erinaceieuropaei](#) [ELISA](#) [gene engineering antigen](#) [sparganosis](#)

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