



### 旋毛虫肌幼虫囊包标本的复染制作方法

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#### A Duplicate Staining Method for Permanent Specimen of *Trichinella spiralis* Encapsulated Larvae

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摘要

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**摘要【提要】** 本研究采用单染和复染两种方法对旋毛虫肌幼虫囊包标本进行染色。单染方法: 制片经甲醛、乙醇和冰醋酸溶液固定, 用乙醇硼砂卡红染色液(4%硼砂水溶液100 ml, 卡红1 g, 70%乙醇100 ml)染色。复染方法: 制片经甲醛、乙醇和冰醋酸溶液固定, 用乙醇硼砂卡红染色液和固绿染色液(固绿0.1 g, 95%乙醇100 ml)染色。结果显示, 单染标本, 囊包与周围肌细胞着色无明显差别, 结构不清晰, 不易观察, 囊内幼虫可辨认。复染标本, 囊包结构清晰; 囊内幼虫、囊包和肌细胞呈不同的颜色, 囊包梭形显著, 囊内幼虫特征典型。与单染标本相比, 复染标本着色适度, 染色效果好, 易于观察。

**关键词:** 旋毛虫 肌幼虫囊包 染色

**Abstract: 【Abstract】** With single staining method, *Trichinella spiralis* encapsulated larvae specimens were fixed with formaldehyde alcohol acetic acid fixative solution, and stained with alcohol borax-carmine staining solution (4% borax solution 100 ml, carmine 1 g, and 70% alcohol 100 ml). With duplicate staining, the encapsulated larvae specimens were fixed with formaldehyde alcohol acetic acid fixative solution, and double stained with alcohol borax carmine staining solution and fast green staining solution (fast green 0.1 g, 95% alcohol 100 ml). The results showed that with single staining, it was not clear-cut between the cyst and muscle cells although the larva was differentiable, while with duplicate staining, the larva, cyst and muscle cells were distinguished more clearly.

**Keywords:** *Trichinella spiralis* Encapsulated larva Staining

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