

研究简报

旋毛虫感染小鼠血清IL-12水平的动态观察

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摘要

给昆明小鼠口饲含 150 ± 5 条旋毛虫幼虫的骨骼肌,同时设正常对照组。分别于感染后的7、21、35和49 d眼眶静脉取血,分离血清,用双抗夹心ELISA检测血清中白细胞介素12(IL-12)的含量。感染后7、21和35 d小鼠血清IL-12水平与正常对照组比较明显降低($P < 0.01$),感染49 d血清中的IL-12接近正常对照组($P > 0.05$)。说明小鼠感染旋毛虫后,早、中期血清IL-12水平降低,晚期则接近正常。

关键词 [旋毛虫](#) [小鼠](#) [白细胞介素-12](#)

分类号

Serum IL-12 Level in Mice Infected with *Trichinella spiralis*

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Abstract

Kunming mice were infected by feeding 150 ± 5 larvae of *Trichinella spiralis*, established was also a normal control group. Blood was collected from the ophthalmic venous plexus respectively on 7 d, 21 d, 35 d and 49 d after infection and IL-12 in the serum was detected by ELISA. The level of IL-12 in serum decreased in groups of 7 d, 21 d, and 35 d, with a significant difference to the control ($P < 0.01$). However, there was no significant difference between 49 d group and control ($P > 0.05$), suggesting that the serum IL-12 of the *Trichinella spiralis*-infected mice significantly decreased at the earlier stage but approached to normal at a later stage.

Key words [Trichinella spiralis](#) [Mice](#) [Interleukin-12](#)

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