

研究简报

## 宠物仓鼠胃肠道寄生虫感染情况调查

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摘要

用饱和蔗糖溶液漂浮法、改良抗酸染色法和卢戈碘液染色法对郑州某宠物市场金色仓鼠 (*Mesocricetus auratus*)、黑线毛足鼠 (*Phodopus sungorus*)、坎氏毛足鼠 (*P. campbelli*) 和小毛足鼠 (*P. roborovskii*) 共153份粪便样品进行检查, 寄生虫感染阳性率分别为70.7% (41/58)、96.7% (59/61)、83.9% (26/31) 和100% (3/3), 平均阳性率为84.3%。共检出8种寄生虫, 分别为隐孢子虫 (15.0%)、贾第虫 (22.2%)、球虫 (2.0%)、短膜壳绦虫 (31.4%)、长膜壳绦虫 (25.5%)、管状线虫 (41.8%)、四翼无刺线虫 (7.2%) 和毛尾目未定种类 (18.3%)。表明宠物仓鼠可感染和传播多种人兽共同感染的寄生虫。

关键词 [宠物; 仓鼠; 胃肠道寄生虫; 调查](#)

分类号

## Investigation on the Prevalence of Gastrointestinal Parasites in Pet Hamsters

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Abstract

One hundred and fifty-three fecal samples of pet hamsters (*Mesocricetus auratus*, *Phodopus sungorus*, *P. campbelli* and *P. roborovskii*) were collected from a pet-market in Zhengzhou, and examined by Sheather's sugar flotation, modified acid-fast staining and Lugol's iodine-solution staining. The prevalence of parasites was 70.7% (41/58), 96.7% (59/61), 83.9% (26/31), and 100% (3/3) respectively, with an overall prevalence of 84.3%. Eggs, cysts or oocysts of *Cryptosporidium* sp. (15.0%), *Giardia* sp. (22.2%), coccidian (2.0%), *Hymenolepis nana* (31.4%), *Hymenolepis diminuta* (25.5%), *Syphacia* spp. (41.8%), *Aspiculuris tetraptera* (7.2%) and undetermined Trichurata nematode (18.3%) were found from the samples. The results suggest that pet hamsters may be infected and transmit several zoonotic parasites.

Key words [Pet; Hamster; Gastrointestinal parasite; Investigation](#)

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