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Molecular characterization of *Giardia duodenalis* among lambs in Eastern Region of Turkey

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In this field study the researchers aimed investigating the molecular characterization of *Giardia duodenalis* among lambs in Eagean Region of Turkey. A total of 109 faecal samples from lambs (at the age of 1 to 45 days, of both sexes) were collected. Thirty-seven out of 109 lambs were positive with an overall prevalence of *G. duodenalis* was 33.94%. Faecal samples of all 37 lambs, diagnosed Giardia-

positive by microscopy, were found also positive by nested PCR. The β -giardin nested PCR assay gave positive results for all samples (100%). The results of this field study presented prevalence of giardiasis among lambs. Further studies are warranted with assemblage detection and sequence analysis of isolates.

Biography

Adnan Ayan has completed his PhD at the age of 31 years from Adnan Menderes University Faculty of Veterinary, Department of Parasitology and Postdoctoral Studies from Faculty of Veterinary, Van Yuzuncu Yil University, Turkey. He is the Assistant Professor at Van Yuzuncu Yil University, Faculty of Veterinary, Department of Genetics. He has published more than 17 articles in peer-reviewed journals.

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