

Accepted Manuscript

Title: Density measurement of *Demodex canis* by qPCR and analysis of serum cytokine levels in dogs with different clinical forms of demodicosis

Authors: Naiani Domingos Gasparetto, Arleana do Bom Parto Ferreira de Almeida, Luciano Nakazato, Eduardo Luzía França, Adenilda Cristina Honorio França, Danny Laura Gomes Fagundes, Juliano Bortolini, Valéria Régia Franco Sousa



PII: S0304-4017(18)30160-2
DOI: <https://doi.org/10.1016/j.vetpar.2018.05.003>
Reference: VETPAR 8673

To appear in: *Veterinary Parasitology*

Received date: 18-5-2017
Revised date: 4-5-2018
Accepted date: 7-5-2018

Please cite this article as: Gasparetto ND, de Almeida AdBPF, Nakazato L, França EL, França ACH, Fagundes DLG, Bortolini J, Sousa VRF, Density measurement of *Demodex canis* by qPCR and analysis of serum cytokine levels in dogs with different clinical forms of demodicosis, *Veterinary Parasitology* (2018), <https://doi.org/10.1016/j.vetpar.2018.05.003>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Density measurement of *Demodex canis* by qPCR and analysis of serum cytokine levels in dogs with different clinical forms of demodicosis

Naiani Domingos Gasparetto^a, Arleana do Bom Parto Ferreira de Almeida^b, Luciano Nakazato^b, Eduardo Luzia França^c, Adenilda Cristina Honorio França^c, Danny Laura Gomes Fagundes^c, Juliano Bortolini^d, Valéria Régia Franco Sousa^{b*} valeriaregia27@gmail.com

^aUniversidade Federal de Mato Grosso (UFMT). Programa de Pós Graduação em Ciências Veterinárias, Faculdade de Medicina Veterinária (FAVET), Cuiabá, Mato Grosso, Brazil.

^bUniversidade Federal de Mato Grosso (UFMT). Faculdade de Medicina Veterinária (FAVET), Cuiabá, Mato Grosso, Brazil.

^cUniversidade Federal de Mato Grosso (UFMT). Instituto de Ciências Biológicas e da Saúde (ICBS), Barra do Garças, Mato Grosso, Brazil.

^dUniversidade Federal de Mato Grosso (UFMT). Departamento de Estatística, Instituto de Ciências Exatas e da Terra (ICET), Cuiabá, Mato Grosso, Brazil.

*Corresponding author: Valéria Régia Franco Sousa. UFMT – Universidade Federal de Mato Grosso. Av. Fernando Corrêa da Costa 2367, Bairro Boa Esperança, Cuiabá-MT, Brazil, CEP: 78068-900. (V.R.F. Sousa)

Highlights

- qPCR is an effective method to determine the parasite density of *Demodex canis* in the skin of dogs.
- Similar quantity of *D. canis* in the skin of dogs with generalized demodicosis and the milder form of the disease (localized demodicosis) is observed.

Download English Version:

<https://daneshyari.com/en/article/8505951>

Download Persian Version:

<https://daneshyari.com/article/8505951>

[Daneshyari.com](https://daneshyari.com)