

Detection of CARD9 gene variant causing susceptibility to mycobacterium avium complex infection in Miniature Schnauzer

Sample

Sample: 18-31638
Name: Pia ArtLöhrs
Breed: Schnauzer Miniature
Microchip: 276 094 180 081 208
Reg. number: VDH12ZS42004764
Date of birth: 24.09.2012
Sex: female
Date received: 06.12.2018
Sample type: blood
The identity of the animal has been checked by Dr. Ole Heinzelmann

Customer

Sonja Witte
Thuners. 9
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Germany

Result: Mutation was not detected (N/N)

Legend: N/N = wild-type genotype. N/P = carrier of the mutation. P/P = mutated genotype (individual will be most probably affected with the disease). (N = negative, P = positive)

Explanation

Presence or absence of CARD9 gene variant causing susceptibility to mycobacterium avium complex (MAC) infection in Miniature Schnauzer was tested.

The polymorphism is recessively inherited. The increased susceptibility to MAC infection develops in dogs which inherit the variant gene from each parent (dogs with P/P result). The dogs with N/P genotype are considered carriers (heterozygotes), they are healthy but they can transmit the polymorphism on their offspring. Dogs with N/N genotype are without risk of MAC infection.

Method: SOP171-MAC, fragment analysis

Report date: 14.12.2018

Responsible person: Mgr. Martina Šafrová, Laboratory Manager



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