

Customer: Jan Novák, Dlouhá 1, 30000 Plzeň, Czech Republic

Sample:

Sample: 08-12345

Date received: 25.11.2008

Sample type: blood

Information provided by the customer

Name: Lassie DEMO

Breed: ---

Tattoo number: 1392013

Microchip: 123 456 789 012 345

Reg. number: REGQ12345

Date of birth: 31.12.1909

Sex: female

Date of sampling: 25.11.2008

The identity of the animal has been checked.

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

Date of issue: 30.11.2008

Date of testing: 25.11.2008 - 30.11.2008

Approved by: Mgr. Martina Šafrová, Laboratory Manager



Genomia s.r.o, Republikánská 6, 31200 Plzeň, Czech Republic
www.genomia.cz, laborator@genomia.cz, tel: +420 373 749 999

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