

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

Sample: 21-12345

Date received: 01.02.2021

Sample type: blood

Information provided by the customer

Name: Lassie DEMO**Breed:** Plemeno

Tattoo number: 1392013

Microchip: 123 456 789 012 345

Reg. number: REGQ12345

Date of birth: 1.1.2020

Sex: female

Date of sampling: 01.02.2021

The identity of the animal has been checked.

Result: Mutation was not detected (N/N)**Explanation**

Presence or absence of c.1052T>C mutation in ASPRV1 gene causing Ichthyosis in German Shepherds was tested. The disease is characterized by abnormal peeling of the skin all over the body.

Mutation that causes Ichthyosis is inherited as an autosomal dominant trait. This means that it only takes one copy of the mutated gene inherited from one parent to cause symptoms of the disease. Dogs with suffer from Ichthyosis have the N/P or P/P genotype.

Method: SOPAgriseq_canine, ngs, accredited method

Date of issue: 06.02.2021

Date of testing: 01.02.2021 - 06.02.2021

Approved by: Mgr. Martina Šafrová, Laboratory Manager



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