

**Customer:** Dušan Kollárik, Belá 33, 03811 Belá-Dulice, Slovak Republic

**Sample:**

Sample: 25-05401

Date received: 04.03.2025

Sample type: buccal swab

Information provided by the customer

**Name: Heidi Bella Aurea**

**Breed: Golden Retriever**

Microchip: 941 000 026 557 633

Reg. number: SPKP 4826/24

Date of birth: 17.6.2023

Sex: female

Date of sampling: 28.02.2025

The identity of the animal has been checked by MVDr. Juraj Chorváth, 0011

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

**Explanation**

Presence or absence of c.434T>C mutation in MPZ gene causing Polyneuropathy in Golden Retrievers was tested. Polyneuropathy is an inherited neurological disease that affects the peripheral nerves and leads to impaired myelin formation. Clinical signs include weakness, difficulty walking, tremors or loss of reflexes. The disease can occur at a young age and gradually deteriorate the dog's quality of life.

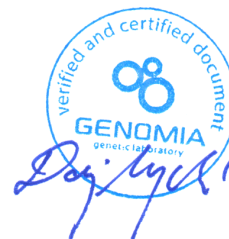
The inheritance of the mutation is probably autosomal dominant. This means that one copy of the mutated gene inherited from either parent is enough to cause the symptoms of the disease.

Method: SOPAgriseq\_canine, ngs

Date of issue: 14.03.2025

Date of testing: 04.03.2025 - 14.03.2025

Approved by: Mgr. Markéta Dajbychová, Deputy Laboratory Manager



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