

LABRADOR RETRIEVER GENETIC HEALTH PANEL TEST REPORT

| | |
|--|---|
| <p><i>Provided Information:</i></p> <p>Name: LABRADOR RETRIEVER</p> <p>Registration: SR97437305</p> | <p>Case: NCD147022</p> <p>Date Received: 22-Mar-2021</p> <p>Report Issue Date: 03-Apr-2023</p> <p>Report ID: 2408-4891-7072-8182</p> <p>Reissue of: 4288-4960-9081-9040</p> <p style="text-align: center; font-size: small;">Verify report at www.vgl.ucdavis.edu/verify</p> |
| <p>DOB: 02/16/2017 Sex: Male Breed: Labrador Retriever Microchip: 7E10172233 Color: Yellow</p> | |
| <p>Call Name: Harvey</p> | |
| <p>Sire: SMITH FARMS ROCKY FROST Dam: SMITH FARMS FIRESIDE CANDY</p> <p>Reg: SR60306406 Reg: SR60306406</p> <p>Microchip: Microchip:</p> | |

RESULT

INTERPRETATION

| Condition | Result | Interpretation |
|--|-----------|---|
| Centronuclear Myopathy (CNM) | N/N | No copies of the CNM mutation detected. Dog is normal. |
| Congenital Myasthenic Syndrome (CMS) | N/N | No copies of the CMS mutation detected. Dog is normal. |
| Copper Toxicosis | ATP7A 7A | The dog has the ATP7A variant and may have very low levels of hepatic copper. |
| | ATP7B N/N | |
| Cystinuria Type I-A | N/N | No copies of the cystinuria type I-A mutation detected. Dog is normal. |
| Exercise Induced Collapse (EIC) | N/N | No copies of the EIC mutation detected. Dog is normal. |
| Degenerative Myelopathy (DM) | N/N | No copies of the DM mutation. |
| Hereditary Nasal Parakeratosis (HNPk) | N/N | No copies of the HNPk mutation detected. Dog is normal. |
| Hyperuricosuria | N/N | No copies of the hyperuricosuria mutation detected. Dog is normal. |
| Narcolepsy | N/N | Normal. Dog does not carry the Labrador narcolepsy associated variant. |
| Pyruvate Kinase Deficiency (PKDef) | N/N | No copies of the PKDef mutation. Dog is normal. |
| Skeletal Dysplasia 2 (SD2) | N/N | No copies of the SD2 mutation detected. Dog is normal. |
| X-Linked Myotubular Myopathy (XLMTM) | N | No copy of the MTM1 mutation detected. Male is unaffected. |
| Progressive Rod-Cone Degeneration (PRCD) | N/N | Normal. Dog does not have the variant associated with PRCD. |
| DILUTE (D LOCUS) | D/D | No known dilution variants present. |

LABRADOR RETRIEVER GENETIC HEALTH PANEL TEST REPORT

| | |
|---|---|
| Client/Owner/Agent Information: ABIGAIL OSBORNE 6773 TOWNSHIP ROAD 55 ALGER, OH 45812 | Case: NCD147022 Date Received: 22-Mar-2021 Report Issue Date: 03-Apr-2023 Report ID: 2408-4891-7072-8182 Reissue of: 4288-4960-9081-9040 Verify report at www.vgl.ucdavis.edu/verify |
| Name: LABRADOR RETRIEVER | |

Additional Information

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

For more detailed information on Labrador Retriever Genetic Health Panel test results, please visit our website at: www.vgl.ucdavis.edu/services/dog/labrador-genetic-health-panels

License Information

The HNPk test is performed under a license agreement with Laboklin GmbH & Co.KG

For terms and conditions of testing, please see www.vgl.ucdavis.edu/about/terms-and-conditions

Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

Report authorized by Dr. Rebecca Bellone, VGL Director

Veterinary Genetics Laboratory · University of California Davis · One Shields Ave · Davis, CA 95616
vgl.ucdavis.edu · (530) 752-2211

