

## LABRADOR RETRIEVER GENETIC HEALTH PANEL TEST REPORT

<p><i>Provided Information:</i></p> <p><i>Name:</i>           <b>HUCKLEBERRY</b></p> <p><i>Registration:</i></p>	<p><i>Case:</i>                   <b>NCD199182</b></p> <p><i>Date Received:</i>       15-Aug-2022</p> <p><i>Report Issue Date:</i>   06-Sep-2022</p> <p><i>Report ID:</i>             4329-8821-1950-8164</p> <p style="text-align: center; font-size: small;">Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a></p>
<p><i>DOB:</i>   <i>Sex:</i> <b>Male</b>   <i>Breed:</i> <b>Labrador Retriever</b></p>	

### RESULT

### INTERPRETATION

<b>Centronuclear Myopathy (CNM)</b>	<b>N/N</b>	No copies of the CNM mutation detected. Dog is normal.
<b>Congenital Myasthenic Syndrome (CMS)</b>	<b>N/N</b>	No copies of the CMS mutation detected. Dog is normal.
<b>Copper Toxicosis</b>	<b>ATP7A</b>	<b>N</b>
	<b>ATP7B</b>	<b>N/N</b>
		No copies of the ATP7A and ATP7B variants.
<b>Cystinuria Type I-A</b>	<b>N/N</b>	No copies of the cystinuria type I-A mutation detected. Dog is normal.
<b>Exercise Induced Collapse (EIC)</b>	<b>N/N</b>	No copies of the EIC mutation detected. Dog is normal.
<b>Degenerative Myelopathy (DM)</b>	<b>N/N</b>	No copies of the DM mutation.
<b>Hereditary Nasal Parakeratosis (HNPk)</b>	<b>N/N</b>	No copies of the HNPk mutation detected. Dog is normal.
<b>Hyperuricosuria</b>	<b>N/N</b>	No copies of the hyperuricosuria mutation detected. Dog is normal.
<b>Narcolepsy</b>	<b>N/N</b>	Normal. Dog does not carry the Labrador narcolepsy associated variant.
<b>Pyruvate Kinase Deficiency (PKDef)</b>	<b>N/N</b>	No copies of the PKDef mutation. Dog is normal.
<b>Stargardt Disease</b>	<b>N/N</b>	Normal. No copies of the Labrador Retriever Stargardt disease variant detected.
<b>Skeletal Dysplasia 2 (SD2)</b>	<b>N/N</b>	No copies of the SD2 mutation detected. Dog is normal.
<b>X-Linked Myotubular Myopathy (XLMTM)</b>	<b>N</b>	No copy of the MTM1 mutation detected. Male is unaffected.
<b>Progressive Rod-Cone Degeneration (PRCD)</b>	<b>N/N</b>	Normal. Dog does not have the variant associated with PRCD.

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<b>Client/Owner/Agent Information:</b> TY EICHMAN 153 LINDEN OAKS DRIVE AULT, CO 80610	<b>Case:</b> <b>NCD199182</b> <b>Date Received:</b> 15-Aug-2022 <b>Report Issue Date:</b> 06-Sep-2022 <b>Report ID:</b> 4329-8821-1950-8164  Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a>
<b>Name:</b> <b>HUCKLEBERRY</b>	

## 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](http://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](http://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**

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