UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

LABRADOR RETRIEVER GENETIC HEALTH PANEL TEST REPORT

Provided Information:

Name: **IRWLEND SAFRAN SIREL**

Registration: **EST-02234/21**

Case: **NCD220492**
Date Received: 22-May-2023
Report Issue Date: 26-May-2023
Report ID: 1071-4548-4257-0075

Verify report at www.vgl.ucdavis.edu/verify

DOB: **04/22/2021** *Sex:* **Female** *Breed:* **Labrador Retriever** *Microchip:* **900113002034949**

Call Name: **LOLA**

Sire: TEEPEE TEODORI HAGRID RUBEUS
Reg: EST-03734/15
Microchip:

Dam: MAKE ME SMILE SALTINIS
Reg: EST-00984/15
Microchip:

	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/7A**	Two copies of 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/EIC**		1 copy of the EIC mutation detected. Dog is a carrier and unaffected. If bred to another carrier, 25% of offspring are predicted to be affected.
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.
Stargardt Disease	**N/N**		Normal. No copies of the Labrador Retriever Stargardt disease variant detected.
Skeletal Dysplasia 2 (SD2)	**N/N**		No copies of the SD2 mutation detected. Dog is normal.
X-Linked Myotubular Myopathy (XLMTM)	**N/N**		No copies of the MTM1 mutation detected. Female is normal.
Progressive Rod-Cone Degeneration (PRCD)	**N/N**		Normal. Dog does not have the variant associated with PRCD.

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Client/Owner/Agent Information:	*Case:* **NCD220492**
TIIU HIRV VÕRUMAA, LASVA KÜLA, VÕRU VALD 65401 ESTONIA	***Date Received:*** 22-May-2023 ***Report Issue Date:*** 26-May-2023 ***Report ID:*** 1071-4548-4257-0075 Verify report at www.vgl.ucdavis.edu/verify
Name: **IRWLEND SAFRAN SIREL**	

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

ANAB ANSI National Accreditation Board ACCREDITED ISO/IEC 17025 TESTING LABORATORY