GENSOL DIAGNOSTICS
www.gensoldx.com

Micah Halpern, PhD
Principal Scientist

Mary Simonson
Laboratory Manager

CERTIFICATE OF RESULTS FOR SAMPLE ID #: 516768

OWNER'S NAME: DAN DIMITRIU
PET'S NAME*: DIMITRIU'S LUNA
PET'S REGISTRATION #: SS46930903
PET'S BREED: LABRADOR RETRIEVER
DATE TESTED: 9/23/2025

TEST	RESULT**	TEST RESULT EXPLANATION***
Degenerative Myelopathy (DM)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop degenerative myelopathy.
Exercise Induced Collapse (EIC)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop exercise induced collapse.
Hyperuricosuria (HU)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop a urate stone disorder.
Labrador Centronuclear Myopathy (CNM)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop Labrador centronuclear myopathy.
Progressive Rod-Cone Degeneration (PRA-PRCD)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop progressive rod cone degeneration.

*GenSol warrants its test results to be accurate for the sample obtained from the above pet. In the event of a valid claim, owner's sole remedy is a refund of the fee paid. IN NO EVENT SHALL GENSOL BE LIABLE FOR INDIRECT, CONSEQUENTIAL OR INCIDENTAL DAMAGES OF ANY KIND. Any claim must be asserted within one year of the report of test results.

**All samples submitted to GenSol become the property of GenSol and may be used for internal quality control and/or research purposes. Test results provide information concerning a pet's DNA sequence and are not an indication or guarantee of pet's disease state or condition. Test results alone should not be used to diagnosis, treat or prevent disease.

***For detailed result explanation visit www.gensoldx.com. Please consult a licensed veterinarian to discuss the implications.

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Pyruvate Kinase Deficiency Labrador Retriever (PKD-LAB)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop pyruvate kinase deficiency.
Hereditary Nasal Parakeratosis (HNPK)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop hereditary nasal parakeratosis.
Copper Toxicosis Labrador Retriever ATP7A (CT-LAB-A)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and do not possess the ATP7A mutation that reduces copper levels.
Copper Toxicosis Labrador Retriever ATP7B (CT-LAB-B)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop copper toxicosis due to this mutation.
Congenital Myasthenic Syndrome Labrador Retriever (CMS-LAB)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop congenital myasthenic syndrome.

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Skeletal Dysplasia 2 (SD2)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop skeletal dysplasia.
STARGARDT DISEASE (STGD)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will neither develop Stargardt Disease nor pass this mutation to their offspring.

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