



Micah Halpern
Micah Halpern, PhD
 Principal Scientist

Mary Simonson
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 Laboratory Manager

CERTIFICATE OF RESULTS FOR SAMPLE ID #:

454617

OWNER'S NAME: KELLI REICHERT
PET'S NAME*: LONE PINE'S SHADES OF BLUE
PET'S REGISTRATION #: MICROCHIP 956000012722083, AKC DN64236706, DOB 09/19/2020
PET'S BREED: MINIATURE AMERICAN SHEPHERD
DATE TESTED: 11/21/2023

TEST	RESULT**	TEST RESULT EXPLANATION***
Chondrodystrophy And Intervertebral Disc Disease Risk (CDDY-IVDD)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and do not possess the mutation that leads to shortened legs and increased risk for intervertebral disc disease.
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.
Collie Eye Anomaly (CEA)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop Collie eye anomaly.
Canine Multifocal Retinopathy 1 (CMR1)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop canine multifocal retinopathy.
Hereditary Cataracts (HC)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop HSF4 hereditary cataracts.

*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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FAST - ACCURATE - AFFORDABLE



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TEST	RESULT**	TEST RESULT EXPLANATION***
Multidrug Sensitivity (MDR1)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop multidrug sensitivity.

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