

## Canine Genetic Health Certificate™

<b>Call Name:</b>	Brody	<b>Laboratory #:</b>	56561
<b>Registered Name:</b>	MarLoWin's Brody of Spirit Mesa	<b>Registration #:</b>	-
<b>Breed:</b>	Toy Australian Shepherd	<b>Certificate Date:</b>	Sept. 8, 2017
<b>Sex:</b>	Male		
<b>DOB:</b>	April 2016		

**This canine's DNA showed the following genotype(s):**

Disease	Gene	Genotype	Interpretation
Collie Eye Anomaly	<i>NHEJ1</i>	WT/WT	Normal (clear)
Cone Degeneration	<i>CNGB3</i>	WT/WT	Normal (clear)
Degenerative Myelopathy	<i>SOD1</i>	WT/WT	Normal (clear)
Hereditary Cataracts (Australian Shepherd Type)	<i>HSF4</i>	WT/WT	Normal (clear)
Hyperuricosuria	<i>SLC2A9</i>	WT/WT	Normal (clear)
Multidrug Resistance 1	<i>ABCB1</i>	WT/WT	Normal (clear)
Multifocal Retinopathy 1	<i>BEST1</i>	WT/WT	Normal (clear)
Neuronal Ceroid Lipofuscinosis 6	<i>CLN6</i>	WT/WT	Normal (clear)
Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration	<i>PRCD</i>	WT/M	Carrier

WT, wild type (normal); M, mutant



**Helen F Smith, PhD**  
Assistant Laboratory Director



**Christina J Ramirez, PhD, DVM, DACVP**  
Medical Director

Paw Print Genetics® performed the tests listed on this dog. See the Laboratory Report for interpretation and recommendations based on these findings. The genes/diseases reported here were selected by the client. Normal results do not exclude inherited mutations not tested in these or other genes that may cause medical problems or may be passed on to offspring. These tests were developed and their performance determined by Paw Print Genetics. This laboratory has established and verified the tests' accuracy and precision. Because all tests performed are DNA-based, rare genomic variations may interfere with the performance of some tests producing false results. If you think these results are in error, please contact the laboratory immediately for further evaluation. In the event of a valid dispute of results claim, Paw Print Genetics will do its best to resolve such a claim to the customer's satisfaction. If no resolution is possible after investigation by Paw Print Genetics with the cooperation of the customer, the extent of the customer's sole remedy is a refund of the fee paid. In no event shall Paw Print Genetics be liable for indirect, consequential or incidental damages of any kind. Any claim must be asserted within 60 days of the report of the test results. Genetic counseling is available at Paw Print Genetics.

# Animal Disease Diagnostic Laboratory

Purdue University, 406 S. University Street, West Lafayette, IN 47907-2065

Phone: (765)494-7440 Fax (765)494-9181 Email: addl@purdue.edu

Web: <http://www.addl.purdue.edu>

**ADDL Case #:** A24-17553

**Other ID:**

**Date Received:** 3/8/2024

Submitter

PURDUE CANINE GENETICS  
LAB  
625 HARRISON STREET  
WEST LAFAYETTE, IN 47907

Premises

DOG INFO  
MARLOWIN'S BRODY OF  
SPIRIT MESA 04/13/2016  
ASDT-KY-1600106 - ASDR

Owner

MARLO WIN AUSSIES  
TINA WINSTON  
PO BOX 187  
PHILPOT, KY 42366

**Vet Phone:**

**Species:** Canine

**Sex:** Male

**Vet Fax:**

**Breed:** Toy Australian Shepherd

**Age:** 6 Years

**Premise ID:** DOG INFO

**Tests Requested in:** CanineG

<u>Test</u>	<u>Ordered</u>	<u>Status</u>	<u>Completed</u>
Neuroaxonal Dystrophy	3/8/2024	Complete	3/18/2024
Non-HSF4 Hereditary	3/8/2024	Complete	3/18/2024
Cataracts			

## Owner Report

3/18/2024 1:07:05 PM

## Canine Genetics

by Dr. Rebecca Wilkes, Section Head

The following tests were performed using PCR.

<u>Animal ID</u>	<u>Specimen</u>	<u>Organism</u>	<u>Result</u>
BRODY	Cheek Swab	Neuroaxonal Dystrophy	Carrier (D/N)
		Non-HSF4 Hereditary	Clear (N/N)
		Cataracts	

**MARLOWINS BRODY OF SPIRIT MESA**

ASDTKY1600106

M TOY AUSTRALIAN SHEPHERD

Born Apr 13 2016

Sire: ASDTNM1400042

Dam: 19991863

Registry	Test Date	Report Date	Age(m)	Conclusion	OFA Number
ELBOW	Apr 14 2018	Apr 30 2018	24	NORMAL	TAS-EL57M24-NOPI
HIPS	Apr 14 2018	Apr 30 2018	24	EXCELLENT	TAS-182E24M-NOPI
PATELLA	Apr 14 2018	Apr 26 2018	24	NORMAL	TAS-PA129/24M/P-NOPI