

Subject: MDR1 Genotyping Results for Party Girl  
 From: vcpljudy@vetmed.wsu.edu (vcpljudy@vetmed.wsu.edu)  
 To: wendy@justalittleaussie.com;  
 Cc: vcpljudy@vetmed.wsu.edu;  
 Date: Friday, March 1, 2013 10:33 AM



## MDR1 GENOTYPING RESULTS

3/1/2013 8:33:12 AM  
 MDR1 - 31774

Wendy Howard  
 Whitesville, KY

Submission Type: Brush  
 Dog Name: Party Girl  
 Dog Breed: Toy Australian Shepherd  
 Test Result: Normal/Normal

### Explanation of test results

#### Normal/Normal

These dogs do not carry the mutation, and will not pass on the mutation to their offspring. These dogs would not be expected to experience unexpected adverse drug reactions to normal doses of ivermectin, loperamide (Imodium®), and some anticancer drugs.

#### Mutant/Mutant

These dogs carry the mutation and can not pass on a normal gene to their offspring. These dogs would be expected to experience toxicity after normal doses of loperamide (Imodium®), some anticancer drugs, and high doses of ivermectin (greater than 50 micrograms per kilogram).

#### Mutant/Normal

These dogs carry the mutation and may pass on the mutant gene to their offspring. These dogs may experience toxicity after normal doses of loperamide (Imodium®), some anticancer drugs, and high doses of ivermectin (greater than 50 micrograms per kilogram).

A current list of problem drugs for dogs with the MDR1 mutation may be found at this web address:  
<http://www.vetmed.wsu.edu/VCPL>

*Neal Burke*

**Neal Burke**  
**Veterinary Clinical Pharmacology Laboratory Manager**

\* PCR for this service is performed pursuant to an agreement with Roche Molecular Systems, Inc. US Patent Number US 6,790,621 B2 Foreign patents pending for MDR1 testing

PO Box 609, Pullman, WA 99163-0609  
 509-335-3745 FAX: 509-335-3745 [vcpl@vetmed.wsu.edu](mailto:vcpl@vetmed.wsu.edu) [www.vetmed.wsu.edu/VCPL](http://www.vetmed.wsu.edu/VCPL)



## Canine Genetic Health Certificate<sup>TM</sup>

**Call Name:** Party Girl  
**Registered Name:** JUSTA LITTLE PARTY GIRL  
**Breed:** Toy Australian Shepherd  
**Sex:** Female  
**DOB:** Dec. 2012

**Laboratory #:** 8235  
**Registration #:** ASDT-KY-1300076  
**Microchip #:** 985112005788754  
**Certificate Date:** March 5, 2015

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

Disease	Gene	Genotype	Interpretation
Progressive retinal atrophy, Progressive rod-cone degeneration	<i>PRCD</i>	WT/WT	Normal

WT, wild type (normal); M, mutant

Paw Print Genetics<sup>TM</sup> 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. Genetic counseling is available at Paw Print Genetics.

**Blake C Ballif, PhD**  
Laboratory & Scientific Director

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



## CERTIFICATE OF RESULTS

**OWNER'S NAME:** MICHAEL AND CHANDRA MARTIN  
**PET'S NAME\*\*:** JUSTA LITTLE PARTY GIRL  
  
**PET'S REGISTRATION #:** KY-1300076  
**PET'S BREED:** TOY AUSTRALIAN SHEPHERD  
**TEST:** HEREDITARY CATARACTS (HC)  
**DATE:** 3/24/2018

### Explanation of Results:

<u>SCORE</u>	<u>RECESSIVE</u>	<u>DOMINANT</u>
A	Clear/Normal	Clear/Normal
B	Carrier/Not Affected	Carrier/Affected
C	At Risk/Affected	At Risk/Affected

**TEST SCORE\*:**

**A**

**SAMPLE ID #:**

**92300**

For detailed result explanation  
please visit our website:

[www.GenSolDx.com](http://www.GenSolDx.com)

\*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.

\*\*GenSol warrants its test results to be accurate for the sample obtained from the above dog. In the event of a valid claim, owner's sole remedy is a refund of the fee paid. IN NO EVENT SHALL GEN SOL 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.

**Please consult a licensed veterinarian  
to discuss the implications of the above test results.**

125 North Main Street Unit 1846, Clayton, GA 30525  
(407) 530-3788 - [info@Gensoldx.com](mailto:info@Gensoldx.com)

[WWW.GENSOLDX.COM](http://WWW.GENSOLDX.COM)



## CERTIFICATE OF RESULTS

**OWNER'S NAME:** MICHAEL AND CHANDRA MARTIN  
**PET'S NAME\*\*:** JUSTA LITTLE PARTY GIRL

**PET'S REGISTRATION #:** KY-1300076  
**PET'S BREED:** TOY AUSTRALIAN SHEPHERD  
**TEST:** DEGENERATIVE MYELOPATHY (DM)  
**DATE:** 3/24/2018

### Explanation of Results:

<u>SCORE</u>	<u>RECESSIVE</u>	<u>DOMINANT</u>
A	Clear/Normal	Clear/Normal
B	Carrier/Not Affected	Carrier/Affected
C	At Risk/Affected	At Risk/Affected

### TEST SCORE\*:

**A**

**SAMPLE ID #:**  
**92301**

For detailed result explanation  
please visit our website:

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