OPTIGEN® LLC

for the genetic advantage

Test Report

Heidi Mobley
9081 Culp Branch Road
Sanger, Tx 76266
USA

Optigen Accession #: **11-6074**
Report issued for: **Shades**

OptiGen Test Certificate

Optigen Accession #: 11-6074

Test Completed: 07/22/2011
Report Issued: 07/25/2011

Test Performed: **prcd Mutation Test for PRA**

Result: **Carrier**
Sample Type: **Blood**

Registered Name: **Western Hills Future So Bright Los Suenos**

Reg#: **DN25246203**

Breed: **Australian Shepherd**
Sex: **Male**
Date of Birth: **June 27, 2009**

ID#: **N/A**

Owner(s):
Heidi Mobley
Mackenzie Mobley

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Susan Pearce Kelline
OptiGen Authorized Signature

www.optigen.com

Test Results: Genotype of your dog is **CARRIER**.
Risk for developing PRA: This dog will never develop the prcd form of PRA (progressive rod-cone degeneration form of Progressive Retinal Atrophy).
Significance for breeding: Carrier dogs should be bred only to a mate of Normal/Clear genotype to avoid producing pups affected with the prcd form of PRA.

This interpretation is based on the test result of the DNA test for the specific mutation identified as causing the prcd form of PRA in Australian Shepherds as of the date on this report.

For further information, please consult the OptiGen website at www.optigen.com.

Note: The use of this test is patent protected and licensed to OptiGen. See http://www.optigen.com/opt9_patent.html for details.

International DNA Based Genetic Database: To register this result with OFA, make a copy, sign below, mail WITH FEE, to OFA, 2300 E. Nifong Blvd, Columbia, MO 65201-3856 or FAX to 573-875-5073. www.offa.org
I hereby certify that the sample submitted was of the animal described on this application. I authorize the OFA to release all information on the test results thus placing the results in the public domain and I hereby release OFA from any and all liability associated with the release of test information.

Signature of owner or authorized representative: _____

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