

Canine Genetic Testing Report



Submitted By

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28 Conestoga Ct
Chadds Ford, PA 19317

Subject Dog 00068140

Date Received: 11/21/2016

Dog Name: **Shadomoons Unexpected Jackpot**
Breed: Australian Shepherd
Phenotype: Blue Merle

Registration: DN45537602
Sex: Male
Birth: 02/20/2016

Sire

Sire Name: **Hearthside on the Rocks**
Breed: Australian Shepherd
Registration: DN37673307
Phenotype: Black Tri

Dam

Dam Name: **Willogold's Unexpectedly Ava**
Breed: Australian Shepherd
Registration: DN31621001
Phenotype: Blue Merle

Coat Color Testing

A Locus-Ay	Not Tested
A Locus-At	Not Tested
A Locus-a	Not Tested
B Locus	Not Tested
D Locus	Not Tested
E Locus- EM	Not Tested
E Locus- e	Not Tested
K Locus-KB	Not Tested
Spotting	Not Tested
Harlequin	Not Tested
Merle	Not Tested

Genetic Disorders

X	Cone Deg.	n/n	Clear: Dog tested negative for the Cone Degeneration mutation.
X	CEA	n/n	Clear: Dog tested negative for the Collie Eye Anomaly mutation.
X	CMR1	n/n	Clear: Dog tested negative for Canine Multifocal Retinopathy Type 1.
X	DM	n/n	Clear: Dog is negative for the Degenerative Myelopathy mutation.
X	HC	n/n	Clear: Dog tested negative for the HSF-4 Hereditary Cataracts mutation.
	HUU		Not Tested
X	MDR1	n/M1	Carrier: Dog carries one copy of the mutation and may pass it on to offspring. May experience some sensitivity to ivermectin or other associated drugs

Genetic Marker Results

Run Date: Not Tested

-	-	-	-	-	-	-
AHT121	AHT137	AHT171	AHT260	AHT211	AHT253	C22-279
-	-	-	-	-	-	-
CAN-AMEL	FH2054	FH2848	INRA21	INU005	INU030	INU055
-	-	-	-	-		
REN54P11	REN162C04	REN169D01	REN169O18	REN247M23		

Additional Comments

None

Coat Type Testing

Hair Length	Not Tested
Hair Curl	Not Tested
Furnishings	Not Tested
Bobtail	Not Tested