

## Canine Genetic Testing Report



Submitted By  
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Out West Aussies  
375 Price Road  
Three Forks, MT 59752

**Subject Dog** 00043969

Date Received: 12/14/2015

Dog Name: **Echo To Silence Labakan Slovakia**  
Breed: Australian Shepherd  
Phenotype: Red Tri

Registration: DN40913302  
Sex: Male  
Birth: 07/04/2014

**Sire**  
Sire Name: Bayshore Stonehaven Cat's Hat Trick  
Breed: Australian Shepherd  
Registration: DN28952003  
Phenotype: Red Tri

**Dam**  
Dam Name: Thornapple Cowgirl Shine  
Breed: Australian Shepherd  
Registration: DN35665403  
Phenotype: Blue Merle

### Coat Color/Type 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
Hair Length	Not Tested
Hair Curl	Not Tested
Furnishings	Not Tested
Bobtail	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/n	Clear: Only normal unaltered allele detected. Dog should not exhibit any sensitivity to ivermectin or other drugs associated with this disorder.

### Genetic Marker Results

Run Date: Not Tested

-	-	-	-	-	-	-
AHT121	AHT137	AHT171	AHT260	AHTk211	AHTk253	C22-279
-	-	-	-	-	-	-
CAN-AMEL	FH2054	FH2848	INRA21	INU005	INU030	INU055
-	-	-	-	-	-	-
REN54P11	REN162C04	REN169D01	REN169O18	REN247M23		

### Additional Comments

None

*Cone Deg.* = Cone Degeneration  
*CEA* = Collie Eye Anomaly  
*CMR1* = Canine Multifocal Retinopathy Type 1  
*DM* = Degenerative Myelopathy  
*HC* = Hereditary Cataracts  
*HUU* = Hyperuricosuria  
*MDR1* = Multi-Drug Resistance