

Canine Genetic Testing Report



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

Subject Dog 00043971 Date Received: 12/14/2015

Dog Name: **Turnin The Herd Blissful Life Out West**
Breed: Australian Shepherd
Phenotype: Blue Merle

Registration: DN43095703
Sex: Female
Birth: 06/19/2015

| | |
|--|--|
| Sire | Dam |
| Sire Name: Out Wests Captain Gus McCrae Breed: Australian Shepherd Registration: DN32200503 Phenotype: Blue Merle | Dam Name: Malpaso's Sunday Silence Sis Breed: Australian Shepherd Registration: DN34521606 Phenotype: Black Tri |

| 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/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 | AHTh171 | AHTh260 | 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