

## Canine Genetic Testing Report



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| Submitted By  |
| Kathleen & John Roll<br>Huntmaster Labs<br>25736 N 2940 Road<br>Kingfisher, OK 73750<br>United States |

|   |  |
|---|--|
| <b>Subject Dog</b> 00141256   | Date Received: 12/21/2018  |
| Dog Name: <b>Huntmaster Annie Oakley</b><br>Breed: Labrador Retriever<br>Phenotype: Chocolate | Registration: SR89422801<br>Microchip: 7E10003257<br>Sex: Female Birth: 09/05/2005 |

|   |
|---|
| <b>Sire</b>   |
| Sire Name: Huntmasters Grin N Bear It<br>Breed: Labrador Retriever<br>Registration: SR7694511<br>Phenotype: Chocolate |

|   |
|---|
| <b>Dam</b>  |
| Dam Name: Huntmasters Turbo Charged Diesel<br>Breed: Labrador Retriever<br>Registration: SR74655506<br>Phenotype: Chocolate |

| Coat Color Testing |             |            |  |
|--------------------|-------------|------------|--|
|                    | A Locus-Ay  |            | Not Tested                             |
|                    | A Locus-At  |            | Not Tested                             |
|                    | A Locus-a   |            | Not Tested                             |
|                    | B Locus     |            | Not Tested                             |
| <b>X</b>           | D Locus     | <b>D/D</b> | Dog is negative for the dilution gene. |
|                    | E Locus- EM |            | Not Tested                             |
|                    | E Locus- e  |            | Not Tested                             |
|                    | K Locus-KB  |            | Not Tested                             |
|                    | Spotting    |            | Not Tested                             |
|                    | Harlequin   |            | Not Tested                             |
|                    | Merle       |            | Not Tested                             |

| Coat Type Testing |             |  |            |
|-------------------|-------------|--|------------|
|                   | Hair Length |  | Not Tested |
|                   | Hair Curl   |  | Not Tested |
|                   | Furnishings |  | Not Tested |
|                   | Bobtail     |  | Not Tested |
|                   | Shedding    |  | Not Tested |

| Genetic Disorders |            |     |  |
|-------------------|------------|-----|--|
| <b>X</b>          | CNM        | n/n | Clear: Dog is negative for the CNM mutation.                                       |
| <b>X</b>          | Cystinuria | n/n | Clear: Dog tested negative for the Cystinuria mutation.                            |
| <b>X</b>          | DM         | n/n | Clear: Dog is negative for the Degenerative Myelopathy mutation.                   |
| <b>X</b>          | EIC        | n/n | Clear: Dog is negative for the EIC mutation  |
| <b>X</b>          | HNPCK      | n/n | Clear: Dog tested negative for the Hereditary Nasal Parakeratosis mutation.        |
| <b>X</b>          | HUU        | n/n | Clear: Dog tested negative for the Hyperuricosuria.                                |
|                   | MH         |     | Not Tested   |
| <b>X</b>          | PKD        | n/n | Clear: Dog tested negative for the Pyruvate Kinase Deficiency mutation.            |
| <b>X</b>          | prcd-PRA   | n/n | Clear: Linkage analysis indicates dog is negative/clear for the prcd-PRA mutation. |
| <b>X</b>          | SD2        | n/n | Clear: Dog tested negative for the Skeletal Dysplasia 2 mutation.                  |

| 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 |         |         |                      |

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| <b>Additional Comments</b> |
| None                       |