



# Genetic Testing Report

Black Iron Nala RTx2

## Submitted By

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## Subject Dog

Dog Name: **Black Iron Nala RTx2**

Lab Reference #: **972166**

Breed: **Boerboel**

Phenotype: **Brown**

Sex: **Female**

Birth:

## Disorder Results (3 of 14)

|      |        |                                                                                                                                                         |
|------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| CMR1 | n/CMR1 | Carrier: Dog has one copy of the Canine Multifocal Retinopathy Type 1 mutation. The dog is not affected by CMR1 but may pass the mutation to offspring. |
| DM   | n/n    | Clear: Dog is negative for mutation associated with Degenerative Myelopathy.                                                                            |
| HUU  | n/n    | Clear: Dog is negative for the mutation associated with Hyperuricosuria.                                                                                |

## Color Results (6 of 14)

|                            |       |                                                                                                  |
|----------------------------|-------|--------------------------------------------------------------------------------------------------|
| Albinism                   | n/n   | Dog is negative for the allele causing albinism in some small breeds.                            |
| A-Locus                    | AY/AY | Dog is homozygous for fawn/sable.                                                                |
| B-Locus                    | B/b   | Dog carries one copy of the gene responsible for chocolate/brown coloration                      |
| D-Locus                    | D/D   | Negative: Dog is negative for the mutation associated with a diluted coat color.                 |
| E-Locus (E, EM, eA, eW, e) | E/EM  | Dog is negative for cream/yellow and ancient red, and has one copy of mask.                      |
| K-Locus                    | n/n   | Dog is negative for the KB allele, and the coat coloration will be based on the agouti genotype. |

## Pattern Results (1 of 14)

|         |     |                                                                               |
|---------|-----|-------------------------------------------------------------------------------|
| S-Locus | n/n | Negative: Dog is negative for the S-Locus. No white spotting will be present. |
|---------|-----|-------------------------------------------------------------------------------|

## Trait Results (4 of 14)

|                   |     |                                                                                                                                                                    |
|-------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Curl 1&2          | n/n | The dog is negative for the hair curl allele. The dog will have non-curly hair, and will always pass on the allele responsible for non-curly hair to any offspring |
| Furnishings       | n/n | Non-Furnished: Dog is negative for the furnishings mutation.                                                                                                       |
| Hair Length (1-5) | L/L | Negative for long coat allele                                                                                                                                      |
| Shedding          | n/n | Dog has no copies of the shedding allele. The dog will have a low propensity towards shedding.                                                                     |