

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

Eagles Midway Breeze

| Submitted By | Owned By |
|--|--|
| Janel Trego-Groth 26183 292nd St Callaway, MN 56521 USA | Janel Trego-Groth 26183 292nd St Callaway, MN 56521 USA |

| Subject Horse | |
|-----------------------------------|--|
| Name: Eagles Midway Breeze | Lab Reference #: 770370 |
| Breed: Paint Horse | Sample Date: 12/01/2023 |
| Phenotype: Black tobiano | Research Date: 12/01/2023 |
| Sex: Female | American Paint Horse Association: |
| Birth: --/--/---- | 970812 |

| Disorder Results(6 of 22) | | |
|---------------------------|-----|--|
| GBED | N/N | Clear: Horse is negative for the GBED gene mutation. |
| HERDA | N/N | Clear: Horse is negative for the HERDA gene mutation. |
| HYPP | n/n | Clear: Horse is negative for the HYPP gene mutation. |
| IMM | N/N | Clear: Horse is negative for the mutation associated with IMM. |
| MH | n/n | Clear: Horse is negative for the MH gene mutation. |
| PSSM1 | n/n | Clear: Horse is negative for the PSSM Type 1 gene mutation. |

| Color Results(8 of 22) | | |
|------------------------|---------|--|
| Agouti | a/a | Non-Agouti: Horse is homozygous for recessive black (aa) and will pass a copy on to every offspring. |
| Champagne | n/n | Negative: Horse is negative for the Champagne Dilution. |
| Cream | n/n | Negative: Horse is negative for the Cream Dilution. |
| Dun | nd2/nd2 | Non-Dun |
| Gray | Absent | Horse is negative for the Gray mutation. |
| Pearl | n/n | Negative: Horse is negative for Pearl Dilution. |
| Red/Black Factor | E/E | Homozygous Black: Horse carries two copies of the Black gene and will have a black-based coat. |
| Silver | n/n | Negative: Horse is negative for the Silver Dilution gene mutation. |



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Pattern Results(8 of 22)

| | | |
|----------------|-----|--|
| LP | n/n | Negative: Horse is negative for LP gene and will not be affected by Congenital Stationary Night Blindness (CSNB). |
| LWO | n/n | Negative: Horse is negative for the Frame Overo (LWO) gene. |
| PATN1 | n/n | Negative: Horse does not carry the PATN-1 gene. |
| Sabino1 | n/n | Negative: Horse is negative for the Sabino 1 gene. |
| Splash White 1 | n/n | Negative: Horse is negative for the Splashed White 1 (SW1) mutation. |
| Splash White 2 | n/n | Negative: Horse is negative for the Splashed White 2 (SW2) mutation. |
| Splash White 3 | n/n | Negative: Horse is negative for the Splashed White 3 (SW3) mutation. |
| Tobiano | T/T | Homozygous: Horse has two copies of the Tobiano gene mutation and will exhibit the Tobiano pattern in varying degrees. Horse will pass a copy on to all offspring. |