



**ETALON**  
DIAGNOSTICS

## Genetic Profile Test Results

HORSE ID: 052919 033

**Horse:** 2019 Miss Pearl Light colt

PACK: Etalon DNA Minipanel

**Owner:** Tanya and Robert Hollasch

### Horse and Owner Information

|                           |   |                          |  |
|---------------------------|---|--------------------------|--|
| <b>Horse</b>              | 2019 Miss Pearl Light colt  | <b>DOB</b>               | 2019-05-18                                 |
| <b>Breed</b>              | American Paint Horse, American Quarter Horse                        | <b>Age</b>               | 0 years, 1 months                          |
| <b>Color</b>              | Sorrel  | <b>Sex</b>               | stallion                                   |
| <b>Discipline</b>         | Reined Cow Horse, Reining   | <b>Height</b>            | .....                                      |
| <b>Registry</b>           | .....   | <b>Reg Number</b>        | .....                                      |
| <b>Sire</b>               | Hesa Hot Gunner   | <b>Dam</b>               | Miss Pearl Light                           |
| <b>Sire Reg &amp; No.</b> | American Quarter Horse Association 5149183                          | <b>Dam Reg &amp; No.</b> | American Quarter Horse Association 3596033 |
| <b>Comments</b>           | Description: 2 white front socks, 2 white hind stockings, Bald face |                          |  |
| <b>Owner</b>              | Tanya and Robert Hollasch   | <b>Address</b>           | Box 7961                                   |
| <b>Phone</b>              | 780-207-1295  | <b>City, State</b>       | Bonnyville, AL                             |
| <b>Email</b>              | thollasch@mcsnet.ca   | <b>Postal Code</b>       | T9N 2J3                                    |

[info@EtalonDx.com](mailto:info@EtalonDx.com)

650.380.2995

[www.EtalonDx.com](http://www.EtalonDx.com)



**ETALON**  
DIAGNOSTICS

## Genetic Profile Test Results

HORSE ID: 052919 033

**Horse:** 2019 Miss Pearl Light colt

PACK: Etalon DNA Minipanel

**Owner:** Tanya and Robert Hollasch

### Results Summary

#### Coat Color:

2019 Miss Pearl Light colt has two Red alleles and no Black alleles, indicating the base coat color appears Red. One copy of the Dominant Agouti allele was detected; invisible on a Red base (it pushes/restricts Black out to points; legs, ear tips, etc. appearing Bay). One Splashed White 1 allele and one Splashed White 2 allele was detected which may result in White markings. As a result of the allele count in each of the following, he has a minimum 100% chance of passing Red, and 50% Dominant Agouti and/or Splashed White 1 and/or Splashed White 2 to any offspring.

#### Allele

**Aa, ee, nd1/nd2, SW1/n, SW2/n**

#### Summary:

**Myostatin: Sprint Type**

**6 panel negative: GBED n/n, HERDA n/n, HYPP n/n, MH n/n, PSSM1 n/n, LWO n/n**

#### Traits:

2019 Miss Pearl Light colt has not tested positive for any recessive disease alleles on this panel. \*The DNA was also tested on our discovery/validation platform for non-Dun Primitive Markings. Preliminary results indicate this horse is heterozygous for non-Dun Primitive Markings (nd1/nd2) and may pass it to 50% of any offspring.

#### Please note:

Your analysis is ongoing and may include some regions marked with an asterisk denoting the following.

\* Discovery - This gene detection is in the early stages of discovery and will have varying reliability results.

\*\* Inconclusive - Not a bad omen! Simply put, the gene of interest did not reveal itself (neither a positive nor a negative; no result, therefore unknown).

[info@EtalonDx.com](mailto:info@EtalonDx.com)

650.380.2995

[www.EtalonDx.com](http://www.EtalonDx.com)