



**ETALON**  
DIAGNOSTICS

**Genetic Profile Test Results**  
**Horse:** Nuttin Butt Securitee  
**Owner:** Suzy Moody

HORSE ID: 051620\_064  
PACK: Etalon DNA Minipanel

**Horse and Owner Information**

<b>Horse</b>	Nuttin Butt Securitee	<b>DOB</b>	2019-01-21
<b>Breed</b>	American Paint Horse	<b>Age</b>	1 years, 4 months
<b>Color</b>	Red/ Chestnut/ Sorrel	<b>Sex</b>	stallion
<b>Discipline</b>	Halter	<b>Height</b>	.....
<b>Registry</b>	American Paint Horse Association	<b>Reg Number</b>	1097196
<b>Sire</b>	Secured By Fancy	<b>Dam</b>	Nuttin Butt Ambition
<b>Sire Reg &amp; No.</b>	American Paint Horse Association 940186	<b>Dam Reg &amp; No.</b>	American Paint Horse Association 1036969
<b>Comments</b>	Description: Minimal Overo		

<b>Owner</b>	Suzy Moody	<b>Address</b>	227 wharton rd
<b>Phone</b>	1 830-792-4455 +1 830-739-9541	<b>City, State</b>	kerrville, TX
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**Results Summary**

**Coat Color:**

Nuttin Butt Securitee has two Red variants and no Black variants, indicating the base coat color appears Red. One copy of the Dominant Agouti variant was detected; invisible on a Red base (it pushes/restricts Black out to points; legs, ear tips, etc. appearing Bay). Two Dominant White 20 variants and one Splashed White 1 variants were detected which may result in White markings. One Pearl variant was also detected; likely invisible in the absence of another dilution variant. As a result of the variant count in each of the following, he has a minimum 100% chance of passing Red and Dominant White 20, and 50% Dominant Agouti and/or Splashed White 1 to any offspring.

**Variant**

**Aa, ee, prl/n, W20/W20, SW1/n, HYPP/n**

**Summary:**

**Myostatin: Sprint Type**

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

**Traits:**

Nuttin Butt Securitee's testing indicated the presence of one Hyperkalemic Periodic Paralysis (HYPP) variant indicating "Carrier" and "Possibly Affected" status. Please consult with your veterinarian regarding any medical questions or advice. Caution is recommended when breeding to avoid another carrier and thus a 25% chance of "Likely Affected" offspring. \*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).