# Equine Genetic Testing Report

**Subject Horse**
- **Horse Name:** Simply A Dun Deal
- **Breed:** Quarter Horse
- **Phenotype:** Dun

**Sire**
- **Sire Name:** Simply Hot
- **Breed:** Quarter Horse
- **Registration:** 3249020
- **Phenotype:** Brown

**Dam**
- **Dam Name:** Miss Chipolena
- **Breed:** Quarter Horse
- **Registration:** 2904485
- **Phenotype:** Dun

**Genetic Disorders**
- HYPP
- X HERDA N/N: Negative for the HERDA gene mutation
- X GBDX N/Gb: Carrier. Horse is heterozygous and a carrier of the GBDX gene mutation.
- X PSSM 1 n/n: Negative for the PSSM Type 1 gene mutation.
- MH
- JEB: Not Tested
- CA: Not Tested
- LFS: Not Tested

**Coat Color and Pattern Testing**
- Tobiano: Not Tested
- Frame Overo: Not Tested
- Sabino 1: Not Tested
- Appaloosa (LP): Not Tested

**Red/Black Factor**
- ee: Homozygous Red. Horse carries two copies of the Red gene. Horse has a red base pigment.

**Agouti**
- Aa: Heterozygous. Horse carries one copy of the Agouti gene.

**Cream Dilution**
- nn: Negative for Cream Dilution.

**Silver Dilution**
- Not Tested

**Champagne**
- Not Tested

**Pearl Dilution**
- Not Tested

**Gray**
- Not Tested

**Additional Comments**
- None

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Thank you for choosing Animal Genetics Inc.

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