

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

Twhized Knickers

Submitted By

Toni Perdew

3005 Lexington Ct
Bedford, IA 50833
USA

Owned By

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Subject Horse

Name: Twhized Knickers
Breed: Quarter Horse
Phenotype:
Sex: Female
Birth: 05/12/2018

Lab Reference #: 605882
Sample Date: 05/26/2023
Research Date: 05/26/2023
American Quarter Horse Association:

Sire

Sire: Hesa Champagne Whiz
Breed: Quarter Horse
Phenotype: Champagne
Unspecified Horse Registry: 5407809

Dam

Dam: Sooty Cowboy
Breed: Quarter Horse
Phenotype: Smoky Grullo

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.

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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 the 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	Heterozygous: Horse is Black based and carries a copy of the Red gene. Horse will appear black-based and can produce red-based horses.
Silver	n/n	Negative: Horse is negative for the Silver Dilution gene mutation.
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	n/n	Negative: Horse is negative for the Tobiano gene mutation.