



HORSE COAT COLOR / PATTERN TEST REPORT

Provided Information:	Case: NQ62143
Name: SPOOKS GOTTA SPARK	Date Received: 20-Oct-2020
Registration: 5604184	Report Issue Date: 26-Oct-2020
	Report ID: 6915-9788-0528-6080
	Verify report at www.vgl.ucdavis.edu/verify
DOB: 05/23/2013 Sex: Stallion Breed: Quarter Horse	

RESULT		INTERPRETATION	RESULT		INTERPRETATION
RED FACTOR	E/e	Both black and red factors detected.	SPLASHED WHITE (SW1, SW3, SW5, SW6)	N/SW1	1 copy of SW1 detected.
AGOUTI	A/A	2 copies of agouti present. If present, black pigment is restricted to the points.	SPLASHED WHITE (SW2, SW4)	N/SW2	1 copy of SW2 detected.
CREAM	N/Cr	1 copy of Cream dilution detected.	TOBIANO	N/N	No copies of Tobiano detected.
PEARL	N/N	No copies of Pearl dilution detected.	LEOPARD	N/N	No copies of Leopard Complex detected.
SILVER	N/N	No copies of Silver dilution detected.	PATTERN-1	N/N	No copies of PATN1 detected.*
DUN	nd1/nd2	Horse is not Dun dilute but may have primitive markings.	BRINDLE 1		Not requested.
CHAMPAGNE	N/N	No copies of Champagne dilution detected.	TIGER EYE		Not requested.
LETHAL WHITE OVERO	N/N	No copies of lethal white overo detected.	MUSHROOM (SHETLAND PONY)		Not requested.
SABINO 1	N/N	No copies of Sabino 1 detected.	GRAY	Absent	Gray gene is absent. Horse will not turn gray.
DOMINANT WHITE (W5, W10, W20, W22)	N/W20	1 copy of W20 detected.	ROAN		Not requested.

Client/Owner/Agent Information: LORENZO LOTTI PO BOX 361 WHITESBORO, TX 76273	Case: NQ62143 Date Received: 20-Oct-2020 Report Issue Date: 26-Oct-2020 Report ID: 6915-9788-0528-6080 Verify report at www.vgl.ucdavis.edu/verify
Name: SPOOKS GOTTA SPARK	

Additional Information

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

For more detailed information on Coat Color test results, please visit our website at:
www.vgl.ucdavis.edu/services/coatcolorhorse.php

*Pattern-1: In order for high levels of white spotting to be visible on horses that inherit PATN1, LP must also be present.

License Information

Tests for Gray, Lethal White Overo and Tobiano are performed under license.

For terms and conditions of testing, please see www.vgl.ucdavis.edu/about/terms-and-conditions

Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

Report authorized by Dr. Rebecca Bellone, VGL Director

EQUINE DISEASE PANEL TEST REPORT

Provided Information:	Case: NQ62143
Name: SPOOKS GOTTA SPARK	Date Received: 20-Oct-2020
Registration: 5604184	Report Issue Date: 26-Oct-2020
	Report ID: 6821-0897-8621-4164
	Verify report at www.vgl.ucdavis.edu/verify
DOB: 05/23/2013 Sex: Stallion Breed: Quarter Horse	

RESULT

INTERPRETATION

Glycogen Branching Enzyme Deficiency (GBED)	N/N	Normal - Does not possess the disease-causing GBED gene
Hereditary Equine Regional Dermal Asthenia (HERDA)	N/N	Normal - horse does not have the HERDA gene
Hyperkalemic Periodic Paralysis (HYPP)	N/N	Normal - Does not possess the disease-causing HYPP gene
IMM and MYH1 Myopathy	N/N	No copies of the MYHM mutation. Horse does not have increased susceptibility for IMM or nonexertional rhabdomyolysis.
Malignant Hyperthermia (MH)	N/N	Normal - horse does not have the MH gene
Polysaccharide Storage Myopathy Type 1 (PSSM1)	N/N	Normal - horse does not have the PSSM1 gene

EQUINE DISEASE PANEL TEST REPORT

Client/Owner/Agent Information: LORENZO LOTTI PO BOX 361 WHITESBORO, TX 76273	Case: NQ62143 Date Received: 20-Oct-2020 Report Issue Date: 26-Oct-2020 Report ID: 6821-0897-8621-4164 Verify report at www.vgl.ucdavis.edu/verify
Name: SPOOKS GOTTA SPARK	

Additional Information

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

For more detailed information on Equine Disease Panel test results, please visit our website at: www.vgl.ucdavis.edu/services/horse/qhpanel.php

License Information

GBED testing performed under a license agreement with the University of Minnesota.
HERDA testing performed under a license agreement with the University of California, Davis.
PSSM1 testing performed under a license agreement with the American Quarter Horse Association.

For terms and conditions of testing, please see www.vgl.ucdavis.edu/about/terms-and-conditions

Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

Report authorized by Dr. Rebecca Bellone, VGL Director