



# HORSE COAT COLOR / PATTERN TEST REPORT

<b>Provided Information:</b>		<b>Case:</b>	<b>NQ60736</b>
<b>Name:</b>	<b>SMOKIN CUSTOM CROME</b>	<b>Date Received:</b>	25-Aug-2020
<b>Registration:</b>	<b>5113892</b>	<b>Report Issue Date:</b>	28-Aug-2020
		<b>Report ID:</b>	6389-4764-8596-5144
Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a>			

<b>DOB: 04/03/2008 Sex: Stallion Breed: Quarter Horse</b>			
<b>Sire:</b>	CUSTOM CROME	<b>Dam:</b>	GLENDAS A SMOKINGUN
<b>Reg:</b>	2902596	<b>Reg:</b>	4611262
<b>Microchip:</b>		<b>Microchip:</b>	

RESULT		INTERPRETATION	RESULT		INTERPRETATION
RED FACTOR	<b>e/e</b>	Only red factor detected. Basic color is red in the absence of modifying genes.	SPLASHED WHITE (SW1, SW3, SW5, SW6)	<b>N/SW1</b>	1 copy of SW1 detected.
AGOUTI	<b>A/A</b>	2 copies of agouti present. If present, black pigment is restricted to the points.	SPLASHED WHITE (SW2, SW4)	<b>N/N</b>	No copies of PAX3 Splashed White detected.
CREAM	<b>N/N</b>	No copies of Cream dilution detected.	TOBIANO	<b>N/N</b>	No copies of Tobiano detected.
PEARL	<b>N/N</b>	No copies of Pearl dilution detected.	LEOPARD	<b>N/N</b>	No copies of Leopard Complex detected.
SILVER	<b>N/N</b>	No copies of Silver dilution detected.	PATTERN-1	<b>N/N</b>	No copies of PATN1 detected.*
DUN	<b>nd1/nd2</b>	Horse is not Dun dilute but may have primitive markings.	BRINDLE 1		Not requested.
CHAMPAGNE	<b>N/N</b>	No copies of Champagne dilution detected.	TIGER EYE		Not requested.
LETHAL WHITE OVERO	<b>N/N</b>	No copies of lethal white overo detected.	MUSHROOM (SHETLAND PONY)		Not requested.
SABINO 1	<b>N/N</b>	No copies of Sabino 1 detected.	GRAY	<b>Absent</b>	Gray gene is absent. Horse will not turn gray.
DOMINANT WHITE (W5, W10, W20, W22)	<b>N/W20</b>	1 copy of W20 detected.	ROAN		Not requested.

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<b>Client/Owner/Agent Information:</b> KRISTIN PATTON	<b>Case:</b> <b>NQ60736</b> <b>Date Received:</b> 25-Aug-2020 <b>Report Issue Date:</b> 28-Aug-2020 <b>Report ID:</b> 6389-4764-8596-5144  Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a>
<b>Name:</b> <b>SMOKIN CUSTOM CROME</b>	

### 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](http://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](http://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**