



## HORSE COAT COLOR / PATTERN TEST REPORT

<b>Provided Information:</b>		<b>Case:</b>	<b>NQ76094</b>
<b>Name:</b>	<b>THIS CATT SHINES</b>	<b>Date Received:</b>	03-Dec-2021
<b>Registration:</b>	<b>5898093</b>	<b>Report Issue Date:</b>	21-Dec-2021
		<b>Report ID:</b>	8073-2331-3294-7042
Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a>			

<b>DOB: 01/20/2018 Sex: Stallion Breed: Quarter Horse</b>			
<b>Sire:</b>	WR THIS CATS SMART	<b>Dam:</b>	SHINERS BELLA MIA
<b>Reg:</b>	3837031	<b>Reg:</b>	4896447
<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/N</b>	No copies of MITF Splashed White detected.
AGOUTI	<b>A/a</b>	1 copy of agouti. 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/Cr</b>	1 copy 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>nd2/nd2</b>	Horse is not Dun dilute. Primitive markings are absent.	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/N</b>	No copies of W5, W10, W20 or W22 detected.	ROAN	<b>N/N</b>	No copies of classic Roan detected.

**MYOSIN-HEAVY CHAIN MYOPATHY (MYHM)  
 GENETIC TEST REPORT**

<b>Provided Information:</b>		<b>Case:</b>	<b>NQ76094</b>
<b>Name:</b>	<b>THIS CATT SHINES</b>	<b>Date Received:</b>	03-Dec-2021
<b>Registration:</b>	<b>5898093</b>	<b>Report Issue Date:</b>	10-Dec-2021
		<b>Report ID:</b>	7579-7928-6887-9057
Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a>			
<b>DOB: 01/20/2018 Sex: Stallion Breed: Quarter Horse</b>			
<b>Sire:</b>	WR THIS CATS SMART	<b>Dam:</b>	SHINERS BELLA MIA
<b>Reg:</b>	3837031	<b>Reg:</b>	4896447
<b>Microchip:</b>		<b>Microchip:</b>	

**RESULT**

**INTERPRETATION**

<b>Myosin-Heavy Chain Myopathy (MYHM)</b>	<b>N/N</b>
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No copies of the MYHM mutation. Horse does not have increased susceptibility for IMM or nonexertional rhabdomyolysis.