UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

HORSE COAT COLOR / PATTERN TEST REPORT

Provided Information:	***Case:*** **NQ107062**
Name: **LAVENDER**	***Date Received:*** 14-Mar-2024
Registration:	***Report Issue Date:*** 18-Apr-2024
	Report ID: 1291-8623-0975-1135
	Verify report at vgl.ucdavis.edu/verify

DOB: **06/23/2022** *Sex:* **Mare** *Breed:* **Draft Cross**

	RESULT	INTERPRETATION
RED FACTOR	**E/E**	No red factor detected. Offspring cannot be chestnut/sorrel.
AGOUTI	**a/a**	If present, black pigment is distributed uniformly over the body.
CREAM	**N/N**	No copies of Cream dilution detected.
PEARL	**N/N**	No copies of Pearl dilution detected.
SILVER	**N/N**	No copies of Silver dilution detected.
DUN	**nd2/nd2**	Horse is not Dun dilute. Primitive markings are absent.
CHAMPAGNE	**N/N**	No copies of Champagne dilution detected.
LETHAL WHITE OVERO	**N/N**	No copies of lethal white overo detected.
SABINO 1	**N/N**	No copies of Sabino 1 detected.
DOMINANT WHITE (W5, W10, W13, W20, W22)	**N/W20**	1 copy of W20 detected.

	RESULT	INTERPRETATION
SPLASHED WHITE (SW1, SW3, SW5, SW6, SW7, SW8)	**N/N**	No copies of MITF Splashed White detected.
SPLASHED WHITE (SW2, SW4)	**N/N**	No copies of PAX3 Splashed White detected.
TOBIANO	**N/N**	No copies of Tobiano detected.
LEOPARD	**N/N**	No copies of Leopard Complex detected.
PATTERN-1	**N/N**	No copies of PATN1 detected.*
BRINDLE 1		Not requested.
TIGER EYE		Not requested.
MUSHROOM (SHETLAND PONY)		Not requested.
GRAY	**Absent**	Gray gene is absent. Horse will not turn gray.
ROAN		Not requested.

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EQUINE DISEASE PANEL TEST REPORT

Provided Information:	***Case:*** **NQ107062**
Name: **LAVENDER**	***Date Received:*** 14-Mar-2024
Registration:	***Report Issue Date:*** 18-Mar-2024
	Report ID: 3555-4337-5734-8191
	Verify report at vgl.ucdavis.edu/verify

DOB: **06/23/2022** *Sex:* **Mare** *Breed:* **Draft Cross**

RESULT		INTERPRETATION
Glycogen Branching Enzyme Deficiency (GBED)	**N/N**	Normal. No copies of the GBED allele detected.
Hereditary Equine Regional Dermal Asthenia (HERDA)	**N/N**	Normal. No copies of the HERDA allele detected.
Hyperkalemic Periodic Paralysis (HYPP)	**N/N**	Normal. No copies of the HYPP allele detected.
Myosin-Heavy Chain Myopathy (MYHM)	**N/N**	Normal. No copies of the MYHM allele detected. Horse does not have increased susceptibility for immune mediated myositis or nonexertional rhabdomyolysis caused by the MYHM allele.
Malignant Hyperthermia (MH)	**N/N**	Normal. No copies of the MH allele detected.
Polysaccharide Storage Myopathy Type 1 (PSSM1)	**N/N**	Normal. No copies of the PSSM1 allele detected.

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JUNCTIONAL EPIDERMOLYSIS BULLOSA 1 (JEB1) TEST REPORT

Provided Information:	***Case:*** **NQ107062**
Name: **LAVENDER**	***Date Received:*** 14-Mar-2024
Registration:	***Report Issue Date:*** 11-Apr-2024
	Report ID: 4082-7242-9279-6180
	Verify report at vgl.ucdavis.edu/verify

DOB: **06/23/2022** *Sex:* **Mare** *Breed:* **Draft Cross**

RESULT

Junctional Epidermolysis Bullosa 1 (JEB1)	**N/N**

INTERPRETATION

Normal. Horse does not have the variant associated with junctional epidermolysis bullosa 1 identified in the Belgian.

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FOAL IMMUNODEFICIENCY SYNDROME (FIS) TEST REPORT

Provided Information:	***Case:*** **NQ107062**
Name: **LAVENDER**	***Date Received:*** 14-Mar-2024
Registration:	***Report Issue Date:*** 04-Apr-2024
	Report ID: 4055-0424-1845-0180
	Verify report at vgl.ucdavis.edu/verify

DOB: **06/23/2022** *Sex:* **Mare** *Breed:* **Draft Cross**

RESULT

Foal Immunodeficiency Syndrome (FIS)	**N/N**

INTERPRETATION

Normal. No copies of the variant associated with Foal Immunodeficiency Syndrome detected.

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EQUINE JUVENILE SPINOCEREBELLAR ATAXIA TEST REPORT

Provided Information:	***Case:*** **NQ107062**
Name: **LAVENDER**	***Date Received:*** 14-Mar-2024
Registration:	***Report Issue Date:*** 09-Aug-2024
	Report ID: 2936-4004-7835-3126
	Verify report at vgl.ucdavis.edu/verify

DOB: **06/23/2022** *Sex:* **Mare** *Breed:* **Draft Cross**

RESULT

Equine Juvenile Spinocerebellar Ataxia	**N/N**

INTERPRETATION

Normal. No copies of the allele associated with equine juvenile spinocerebellar ataxia (EJSCA) detected.