

1 Mount Charles Rd.
St. Austell, PL25 3LB

Genetic Testing Report

Poulain Khéole

Submitted By	Owned By
SONIA LEPRETRE 8 Rue Des Lys Grand Auverne 44520 France	SONIA LEPRETRE 8 Rue Des Lys Grand Auverne 44520 France

Subject Horse	Lab Reference #:
Name: Poulain Khéole Breed: AES/Knabstrupper,Friesian Phenotype: champagne Sex: Colt Birth: --/--/2024	803765 Sample Date: 06/18/2024 Research Date: 06/18/2024

Color Results(8 of 16)		
Agouti	A/A	Homozygous Agouti: Horse carries two copies (AA) of the Agouti gene and will pass a copy on to every offspring.
Champagne	n/Ch	Heterozygous: Horse has one copy of the Champagne Dilution gene and will appear Champagne. Horse has a chance to pass this gene on to any offspring.
Cream	n/n	Negative: Horse is negative the for the Cream Dilution.
Dun	D/nd2	Dun: Horse has one copy of the Dun allele and one copy of the nd2 negative allele.
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.

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Pattern Results(8 of 16)

LP	n/LP	Heterozygous: Horse has one copy of the LP gene and has a chance to pass it on to every offspring. Horse is a carrier of Congenital Stationary Night Blindness (CSNB).
LWO	n/n	Negative: Horse is negative for the Frame Overo (LWO) gene.
PATN1	n/PATN1	Heterozygous: Horse carries one copy of the PATN-1 gene and has a chance to pass a copy on to every offspring.
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.