



**UNIVERSITY OF KENTUCKY  
GENETIC TESTING AT GLUCK**

Department of Veterinary Science | 108 Gluck Equine Research Center | Lexington KY 40546-0076  
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Member Laboratory of the International Society for Animal Genetics: Lab code 84415

**GENETIC TEST REPORT**

NAME: RMA NOCTAMBULE D'ALSACE

FARM: MAREK RIOND

REG. NUMBER:

COLOR:

BREED: ROCKY MOUNTAIN

SEX: Mare

DOB: 5-28-2023

TEST DATE: 1/22/2024

ACCESSION NUMBER: H24-00460

MICROCHIP NUMBER:

DAM: ALLYS' UP

DAM REG. NO: 2008041458

SIRE: MVM SILVER SLATE

SIRE REG. NO: 2017485202

**COAT COLOR & GENETIC MUTATION TEST RESULT**

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**Marker** AGOUTI a/a

**AGOUTI GENE TEST RESULTS**

COMMENT: aa

THIS HORSE IS HOMOZYGOUS FOR THE RECESSIVE ALLELE AT THE AGOUTI LOCUS THAT PRODUCES BLACK PIGMENTATION .

AGOUTI GENE- This horse carries two copies of the recessive "a" allele ,the horse will be black unless the horse also possesses e/e. This genotype can mask the Cream Dilution gene unless the horse is also homozygous for the Cream Dilution gene.

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**Marker** CREAM N/N

**CREAM DILUTION GENE TEST RESULTS**

COMMENT: N/N

THIS HORSE IS NEGATIVE FOR THE CREAM DILUTION MUTATION

CREAM DILUTION MUTATION- Does not posses the dilution mutation known as Cream. May possess other dilution mutations such as Dun or Champagne.



NAME: RMA NOCTAMBULE D'ALSACE

ACCESSION NUMBER: H24-00460

MICROCHIP NUMBER:

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**Marker** E Loci E/E

EXTENSION LOCUS (RED GENE) TEST RESULTS

COMMENT:EE

THIS HORSE IS NEGATIVE FOR THE RED FACTOR.

RED GENE - This horse is homozygous for the dominant "E" allele, and genetically has black points and a black, bay or brown body color. It will pass the "E" allele to its offspring and will always produce foals with genetically black points. This horse lacks the "red factor" and will not produce chestnuts/sorrels.