Animal Genetics

3382 Capital Circle NE
Tallahassee, FL 32308

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Genetic Testing Report

BCA Iron White Eagle

Submitted By

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International Colored Appaloosa Association, Inc
125 S Main St.
McAlester , OK 74501
USA

Owned By

Charles Potts

Subject Horse

Horse Name: **BCA Iron White Eagle**
Breed: **Appaloosa**
Phenotype:
Sex: **Colt**
Birth: **2024**

Lab Reference #: **821268**

Sire

Sire: BCA Iron White Star
Breed: Appaloosa
Phenotype:
Unspecified Horse Registry: 0690723

Dam

Color Results (8 of 17)

Agouti	a/a	Non-Agouti: Horse is homozygous for recessive black (aa) and will pass a copy on to every offspring.
Champagne	n/n	Negative: Horse is negative for the Champagne Dilution.
Cream	n/n	Negative: Horse is negative the for the Cream Dilution.
Dun	nd2/nd2	Non-Dun
Gray	Absent	Horse is negative for the Gray mutation.
Pearl	n/n	Negative: Horse is negative for Pearl Dilution.
Red/Black Factor	E/E	Homozygous Black: Horse carries two copies of the Black gene and will have a black-based coat.
Silver	n/n	Negative: Horse is negative for the Silver Dilution gene mutation.

Pattern Results (8 of 17)

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.
Sb1	n/n	Negative: Horse is negative for the Sabino 1 gene.
SW1	n/n	Negative: Horse is negative for the Splashed White 1 (SW1) mutation.
SW2	n/n	Negative: Horse is negative for the Splashed White 2 (SW2) mutation.
SW3	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.

DNA Profile Results (1 of 17)

DNA Profile-Equine (Does not determine breed)	See DNA Profile Report for Results