Animal Genetics

3382 Capital Circle NE
Tallahassee, FL 32308

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Genetic Testing Report

BCA Yamas Pasxapa

Submitted By

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International Colored Appaloosa Association, Inc
PO Box 427
Whiteface , TX 79379
USA

Owned By

Charles Potts

Subject Horse

Horse Name: BCA Yamas Pasxapa
Breed: Appaloosa
Phenotype:
Sex: Colt
Birth: May 1, 2023

Lab Reference #: 711657

Sire

Sire: BCA Chats Yamahawk
Breed: Appaloosa
Phenotype:
Appaloosa Horse Club, Inc.: #680639
International Colored Appaloosa Association, Inc.: F6-7699

Dam

Disorder Results (6 of 23)

GBED	N/N	Clear: Horse is negative for the GBED gene mutation.
HERDA	N/N	Clear: Horse is negative for the HERDA gene mutation.
HYPP	n/n	Clear: Horse is negative for the HYPP gene mutation.
IMM	N/N	Clear: Horse is negative for the mutation associated with IMM.
MH	n/n	Clear: Horse is negative for the MH gene mutation.
PSSM1	n/n	Clear: Horse is negative for the PSSM Type 1 gene mutation.

Color Results (8 of 23)

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	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.

Pattern Results (8 of 23)

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	PATN1/PATN1	Homozygous: Horse has two copies of the PATN-1 gene and will pass a copy on to all offspring.