

Equine Genetic Testing Report



Submitted By
Diane Hagerman Diaman H Stables 21888 R45 Hwy. New Virginia, IA 50210

Subject Horse

Date Received: 10/19/2015

Horse Name: Diamond's 2015 Filly Breed: Paint Horse Phenotype: Grulla Tobiano Sex: Mare	Lab Reference #: 00074597 Registration: Birth: 2015
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Sire	Dam
Sire Name: Pepsis Color Master Breed: Paint Horse Registration: 890452 Phenotype: Dunskin Tobiano	Dam Name: QR Painted Diamond Breed: Paint Horse Registration: 972026 Phenotype: Chestnut Overo

Coat Color and Pattern Testing

	Tobiano		Not Tested
X	Frame Overo	nn	Negative for Frame Overo (LWO).
	Sabino 1		Not Tested
	Splashed White 1		Not Tested
	Splashed White 2		Not Tested
	Splashed White 3		Not Tested
	Appaloosa (LP)		Not Tested
	PATN1		Not Tested
	Red/Black Factor		Not Tested
X	Agouti	aa	Non-Agouti. If horse is black based (E), black pigment will be evenly distributed.
X	Cream Dilution	nCr	Heterozygous. Single dilute. Horse carries one copy of the Cream Dilution gene.
X	Dun Dilution	Dd	Heterozygous. Horse carries one copy of the Dun Dilution gene.
	Silver Dilution		Not Tested
	Champagne		Not Tested
	Pearl Dilution		Not Tested
	Gray		Not Tested
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Additional Comments

None

Genetic Disorders

	HYPP		Not Tested
	HERDA		Not Tested
	GBED		Not Tested
	MH		Not Tested
	PSSM 1		Not Tested
	FIS		Not Tested
	JEB1		Not Tested
	JEB2		Not Tested
	CA		Not Tested
	LFS		Not Tested
	SCID		Not Tested
	OAAM1		Not Tested
	HWSD		Not Tested
	WFFS1		Not Tested

Genetic Marker Results

Run Date: Not Tested

-	-	-	-	-	-	-
AHT4	AHT5	ASB17	ASB2	ASB23	AME	CA425UK
-	-	-	-	-	-	-
HMS3	HMS6	HMS7	HTG10	HTG4	LEX3	LEX33
-	-	-	-	-	-	-
VHL20	UM011	HMS1	HMS2	HTG6	HTG7	