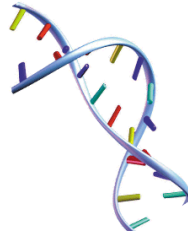


Equine Genetic Testing Report



Submitted By	AG119466
John McIntosh Tranquility Ranch 507 N Fir St Searcy, AR 72143	

Subject Horse

Date Received: 5/1/2014

Horse Name: Contriversil Patches	Lab Reference #: 00055739
Breed: Paint Horse	Registration: 797437
Phenotype: Sorrel/Chestnut	Birth: 2003
Sex: Mare	

Sire	Dam
Sire Name: No Controversy Breed: Paint Horse Registration: APHA Phenotype: Sorrel	Dam Name: Calico Tobianna Breed: Paint Horse Registration: APHA Phenotype: Sorrel

Coat Color and Pattern Testing

Tobiano		Not Tested
Frame Overo		Not Tested
Sabino 1		Not Tested
Splashed White 1		Not Tested
Splashed White 2		Not Tested
Splashed White 3		Not Tested
Appaloosa (LP)		Not Tested
Red/Black Factor		Not Tested
Agouti		Not Tested
Cream Dilution		Not Tested
Dun Dilution		Not Tested
Silver Dilution		Not Tested
Champagne		Not Tested
X Pearl Dilution	nn	Negative for Pearl Dilution.
Gray		Not Tested
-----	-----	-

Genetic Disorders

X	HYPP	n/n	Clear: Negative for the HYPP gene mutation.
X	HERDA	N/N	Clear: Negative for the HERDA gene mutation.
X	GBED	N/N	Clear: Negative for the GBED gene mutation.
X	PSSM 1	n/n	Clear: Negative for the PSSM Type 1 gene mutation.
X	MH	n/n	Clear: Negative for the MH gene mutation found in Quarter horses and related breeds.
	JEB		Not Tested
	CA		Not Tested
	LFS		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	

CA = Cerebellar Abiotrophy
 GBED = Glycogen branching enzyme deficiency
 HERDA = Hereditary equine regional dermal asthenia
 HYPP = Hyperkalemic Periodic Paralysis
 JEB1 = Junctional Epidermolysis Bullosa - Belgian Draft Horse
 JEB2 = Junctional Epidermolysis Bullosa - American Saddlebred
 LFS = Lavender Foal Syndrome
 LWO = Lethal White Overo
 MH = Malignant Hyperthermia
 PSSM1 = Polysaccharide Storage Myopathy - Type 1

Additional Comments

None

Thank you for choosing Animal Genetics Inc.