

Equine Genetic Testing Report



Submitted By **AG106241**

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1385 SR 56 East
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Subject Horse

Date Received: **11/25/2014**

Horse Name: **Invitation To Fame**
Breed: **Quarter Horse**
Phenotype: **Sorrel**
Sex: **Mare**

Lab Reference #: **00062388**
Registration: **4052711**
Birth: **2001**

Sire

Sire Name:
Breed:
Registration:
Phenotype:

Dam

Dam Name:
Breed:
Registration:
Phenotype:

Coat Color and Pattern Testing

Tobiano	Pending
Frame Overo	Pending
Sabino 1	Pending
Splashed White 1	Pending
Splashed White 2	Pending
Splashed White 3	Pending
Appaloosa (LP)	Pending
Red/Black Factor	Pending
Agouti	Pending
Cream Dilution	Pending
Dun Dilution	Pending
Silver Dilution	Pending
Champagne	Pending
Pearl Dilution	Pending
Gray	Pending

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/Gb	Carrier: Horse is heterozygous and a carrier of 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		Pending
	CA		Pending
	LFS		Pending

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

Thank you for choosing Animal Genetics Inc.

Additional Comments

None