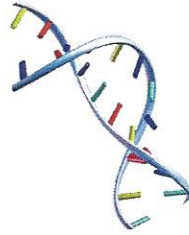


Equine Genetic Testing Report

Submitted By **AG118247**
Blanny Hagenah
Avalon Appaloosas
350 San Benancio Rd
Salinas, CA 93908



Subject Horse

Date Received: 2/3/2014

Horse Name: **Honkytonk Wrangler** Lab Reference #: **00052479**
Breed: Appaloosa Registration: 640081
Phenotype: Dark Bay/Brown Birth: 2005
Sex: Stallion

Sire
Sire Name: Sunbeachhonkytonk
Breed: Appaloosa
Registration: 492394
Phenotype:

Dam
Dam Name: Sirtenly Sirprized
Breed: Appaloosa
Registration: 529039
Phenotype: Chestnut

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
X	Appaloosa (LP)	LP/LP	Homozygous: Horse carries two copies of the Appaloosa LP gene and is affected by CSNB.
	Red/Black Factor		Not Tested
	Agouti		Not Tested
	Cream Dilution		Not Tested
	Dun Dilution		Not Tested
	Silver Dilution		Not Tested
	Champagne		Not Tested
	Pearl Dilution		Not Tested
	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

Additional Comments

None

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.

AnimalGenetics

INCORPORATED

1336 Timberlane Road

Tallahassee, FL 32312-1766

INVOICE 535262

AG118247

Bill To: Blanny Hagenah
Avalon Appaloosas
350 San Benancio Rd
Salinas, CA 93908

Date Received	PO#	Account #	Cost	Payment	Amount Due
2/3/2014		AG118247	\$135.00	\$135.00	\$0.00

Horse Name	Tests Performed	Cost
Honkytonk Wrangler	LP, HYPP, Herda, GBED, PSSM1, MH	\$135.00

Total Cost	\$135.00
Payment	\$135.00
Amount Due	\$0.00