

Equine Genetic Testing Report



Submitted By
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Subject Horse

Date Received: 3/19/2012

Horse Name: Its A Southern Thing Breed: Quarter Horse Phenotype: Bay Sex: Stallion	Lab Reference #: 00033051 Registration: 5307848 Birth: 2010
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Sire	Dam
Sire Name: Only In The Moonlite Breed: Quarter Horse Registration: 4652885 Phenotype: Brown	Dam Name: Shesa Hot Cookie Breed: Quarter Horse Registration: 2938604 Phenotype: Sorrel

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	Homozygous for Agouti. Horse carries two copies of the Agouti gene.
	Cream Dilution		Not Tested
	Dun Dilution		Not Tested
	Silver Dilution		Not Tested
	Champagne		Not Tested
	Pearl Dilution		Not Tested
	Gray		Not Tested
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Additional Comments

None

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	MH	n/n	Clear: Negative for the MH gene mutation found in Quarter horses and related breeds.
	IMM		Not Tested
X	PSSM 1	n/n	Clear: Negative for the PSSM Type 1 gene mutation.
	FIS		Not Tested
	JEB1		Not Tested
	JEB2		Not Tested
	CA		Not Tested
	LFS		Not Tested
	SCID		Not Tested
	OAM1		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	