

Animal Genetics, Inc.
1336 Timberlane Road
Tallahassee, FL 32312

Equine Test Results

Name: Sarah Rosciti

Account#: 108506

Business: Rosciti Quarter Horses, LLC

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Date Received: 12/1/2011

Horse Name	Breed	RFactor	Gray	HERDA	GBED	PSSM1
This Is Why Im Hot	Quarter Horse	EE	Gg	N/N	N/N	n/n

Result Guide:

Red/Black Factor

ee	Homozygous Red. Horse carries two copies of the Red gene. Horse has a red base pigment.
Ee	Heterozygous. Horse is Black based but carries a recessive copy of the Red gene.
EE	Homozygous for Black Factor. Horse carries two copies of the Black gene. Horse is Black based.

Gray

GG	Homozygous. Horse has two copies of the Gray gene and will always produce offspring that will gray.
Gg	Heterozygous. Horse carries one copy of the Gray gene.
gg	Negative for the Gray gene.

HERDA

Hrd/Hrd	Affected. Horse is homozygous for the abnormal HERDA allele and is affected by the HERDA disorder.
N/Hrd	Carrier. Horse is heterozygous and a carrier of the HERDA gene mutation.
N/N	Negative for the HERDA gene mutation.

GBED

Gb/Gb	Affected. Horse is homozygous for the abnormal GBED allele and is affected by the GBED disorder.
N/Gb	Carrier. Horse is heterozygous and a carrier of the GBED gene mutation.
N/N	Negative for the GBED gene mutation.

PSSM1

P1/P1	Homozygous. Horse has two copies of the PSSM Type 1 gene mutation and is affected.
n/P1	Heterozygous. Horse carries one copy of the PSSM Type 1 gene mutation and is affected.
n/n	Negative for the PSSM Type 1 gene mutation.