

Animal Genetics, Inc.
1336 Timberlane Road
Tallahassee, FL 32312-1766

Equine Test Results

Name: Debra or Dorn Parkinson

Account#: 111016

Business: Parkinsons Quarter Horses

Email: parkinsonqh@wildblue.net

Date Received: 12/26/2014

Horse Name	Breed	HYPP	Herda	GBED	PSSM1	MH
Kiddo Page	Quarter Horse	n/n	N/N	N/N	n/n	n/n

Result Guide:

Hyperkalemic Periodic Paralysis

n/n

Clear: Negative for the HYPP gene mutation.

n/H

Heterozygous: Horse carries one copy of the HYPP gene mutation.

H/H

Homozygous for HYPP. Horse has two copies of the HYPP gene mutation.

Hereditary Equine Regional Dermal Asthenia

N/N

Clear: Negative for the HERDA gene mutation.

N/Hrd

Carrier: Horse is heterozygous and a carrier of the HERDA gene mutation.

Hrd/Hrd

Affected: Horse is homozygous for the abnormal HERDA allele and is affected by the HERDA disorder.

Glycogen Branching Enzyme Deficiency

N/N

Clear: Negative for the GBED gene mutation.

N/Gb

Carrier: Horse is heterozygous and a carrier of the GBED gene mutation.

Gb/Gb

Affected: Horse is homozygous for the abnormal GBED allele and is affected by the GBED disorder.

Polysaccharide Storage Myopathy - Type 1

n/n

Clear: Negative for the PSSM Type 1 gene mutation.

n/P1

Heterozygous: Horse carries one copy of the PSSM Type 1 gene mutation and is affected.

P1/P1

Homozygous: Horse has two copies of the PSSM Type 1 gene mutation and is affected.

Malignant Hyperthermia

n/n

Clear: Negative for the MH gene mutation found in Quarter horses and related breeds.

n/M

Affected: Horse carries one copy of the MH gene mutation.

M/M

Affected: Horse has two copies of the MH gene mutation.