

## Equine Test Results

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Horse Name	Breed	HYPP	Herda	GBED	PSSM1	MH
This Chics Got Sass	Quarter Horse	n/n	N/N	N/N	n/n	n/n
Freckle Face Smoke	Paint Horse	n/n	N/N	N/N	n/n	n/n

### Result Guide:

#### Hyperkalemic Periodic Paralysis

<b>n/n</b>	Clear: Negative for the HYPP gene mutation.
<b>n/H</b>	Heterozygous: Horse carries one copy of the HYPP gene mutation.
<b>H/H</b>	Homozygous for HYPP. Horse has two copies of the HYPP gene mutation.

#### Hereditary Equine Regional Dermal Asthenia

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

#### Glycogen Branching Enzyme Deficiency

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

#### Polysaccharide Storage Myopathy - Type 1

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

#### Malignant Hyperthermia

<b>n/n</b>	Clear: Negative for the MH gene mutation found in Quarter horses and related breeds.
<b>n/M</b>	Affected: Horse carries one copy of the MH gene mutation.
<b>M/M</b>	Affected: Horse has two copies of the MH gene mutation.