

AMERICAN QUARTER HORSE GENETIC HEALTH PANEL TEST REPORT

<p><i>Client/Owner/Agent Information:</i> AMERICAN QUARTER HORSE ASSOCIATION</p> <p><i>Provided Information:</i> <i>Name:</i> MR FABULOUS <i>Registration:</i> 6020599</p>	<p><i>Case:</i> QHA474136</p> <p><i>Date Received:</i> 24-Nov-2020 <i>Report Issue Date:</i> 09-Jan-2023 <i>Report ID:</i> 1081-2330-6929-0035 <i>Reissue of:</i> 2339-2474-5953-8024</p> <p style="text-align: center; font-size: small;">Verify report at www.vgl.ucdavis.edu/verify</p>
<i>DOB:</i> 03/12/2020 <i>Sex:</i> Stallion <i>Breed:</i> Quarter Horse <i>Alt. ID:</i> 7266214	
<p><i>Sire:</i> TELASECRET <i>Reg:</i> 5188059 <i>Microchip:</i></p>	<p><i>Dam:</i> CINDERELLAS HEIRESS <i>Reg:</i> 5456877 <i>Microchip:</i></p>

RESULT

INTERPRETATION

Glycogen Branching Enzyme Deficiency (GBED)	N/N
Hereditary Equine Regional Dermal Asthenia (HERDA)	N/N
Hyperkalemic Periodic Paralysis (HYPP)	N/H
Malignant Hyperthermia (MH)	N/N
Polysaccharide Storage Myopathy Type 1 (PSSM1)	N/PSSM1
Myosin-Heavy Chain Myopathy (MYHM)	N/My

Normal. No copies of the GBED allele detected.

Normal. No copies of the HERDA allele detected.

Affected. One copy of the HYPP allele detected and horse may develop symptoms of the disease.

Normal. No copies of the MH allele detected.

Affected. One copy of the PSSM1 allele detected and horse may develop symptoms of the disease.

Affected. One copy of the MYHM allele detected. Horse is susceptible for immune mediated myositis or nonexertional rhabdomyolysis.

Additional Information

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

For more detailed information on American Quarter Horse Genetic Health Panel test results, please visit our website at: www.vgl.ucdavis.edu/panel/quarter-horse-disease-panel

License Information

The GBED test is performed under a license agreement with the University of Minnesota.

Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

Report authorized by Dr. Rebecca Bellone, VGL Director

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