

# 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>          Name: <b>X25237004917002</b></p> <p><i>Registration:</i></p>	<p><i>Date Received:</i> 04-Sep-2025  <i>Report Issue Date:</i> 22-Sep-2025  <i>Report ID:</i> 6044-5085-7082-5080  <i>Reissue of:</i> 8009-6681-2813-2060</p>
<p>DOB: <b>03/11/2025</b> Sex: <b>Stallion</b> Breed: <b>Quarter Horse</b> Alt. ID: <b>7813874</b></p>	
<p><i>Sire:</i> VERY COOL  <i>Reg:</i> 5126948  <i>Microchip:</i></p>	<p><i>Dam:</i> FGLEADINGLADIESIMAGE  <i>Reg:</i> 5219292  <i>Microchip:</i></p>

### RESULT

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

### INTERPRETATION

Carrier. One copy of the GBED allele detected.

Normal. No copies of the HERDA allele detected.

Normal. No copies of the HYPP allele detected.

Normal. No copies of the MH allele detected.

Normal. No copies of the PSSM1 allele detected.

Affected. One copy of the MYHM allele detected. Horse is susceptible to 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: [vgl.ucdavis.edu/panel/quarter-horse-disease-panel](http://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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