

EQUINE DISEASE PANEL TEST REPORT

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| <p><i>Provided Information:</i></p> <p>Name: MISS SUGAR VALLEY</p> <p>Registration: 5838624</p> | <p>Case: NQ64185</p> <p>Date Received: 08-Jan-2021</p> <p>Report Issue Date: 13-Jan-2021</p> <p>Report ID: 1415-0486-6969-5035</p> <p style="text-align: center; font-size: small;">Verify report at www.vgl.ucdavis.edu/verify</p> |
| <p>DOB: 02/24/2017 Sex: Mare Breed: Quarter Horse</p> | |
| <p>Sire: SEVEN S BIG VALLEY</p> <p>Reg: 4819985</p> <p>Microchip:</p> | <p>Dam: MISS SUGAR QUAIL</p> <p>Reg: 4611835</p> <p>Microchip:</p> |

RESULT

INTERPRETATION

| Glycogen Branching Enzyme Deficiency (GBED) | N/N | Normal - Does not possess the disease-causing GBED gene |
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| Hereditary Equine Regional Dermal Asthenia (HERDA) | N/N | Normal - horse does not have the HERDA gene |
| Hyperkalemic Periodic Paralysis (HYPP) | N/N | Normal - Does not possess the disease-causing HYPP gene |
| Myosin-Heavy Chain Myopathy (MYHM) | N/N | No copies of the MYHM mutation. Horse does not have increased susceptibility for IMM or nonexertional rhabdomyolysis. |
| Malignant Hyperthermia (MH) | N/N | Normal - horse does not have the MH gene |
| Polysaccharide Storage Myopathy Type 1 (PSSM1) | N/N | Normal - horse does not have the PSSM1 gene |

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|--|---|
| Client/Owner/Agent Information: SAMANTHA KEADLE PO BOX 117 GEORGE WEST, TX 78022 | Case: NQ64185 Date Received: 08-Jan-2021 Report Issue Date: 13-Jan-2021 Report ID: 1415-0486-6969-5035 Verify report at www.vgl.ucdavis.edu/verify |
| Name: MISS SUGAR VALLEY | |

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 Equine Disease Panel test results, please visit our website at: www.vgl.ucdavis.edu/services/horse/qhpanel.php

License Information

GBED testing performed under a license agreement with the University of Minnesota.
HERDA testing performed under a license agreement with the University of California, Davis.
PSSM1 testing performed under a license agreement with the American Quarter Horse Association.

For terms and conditions of testing, please see www.vgl.ucdavis.edu/about/terms-and-conditions

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